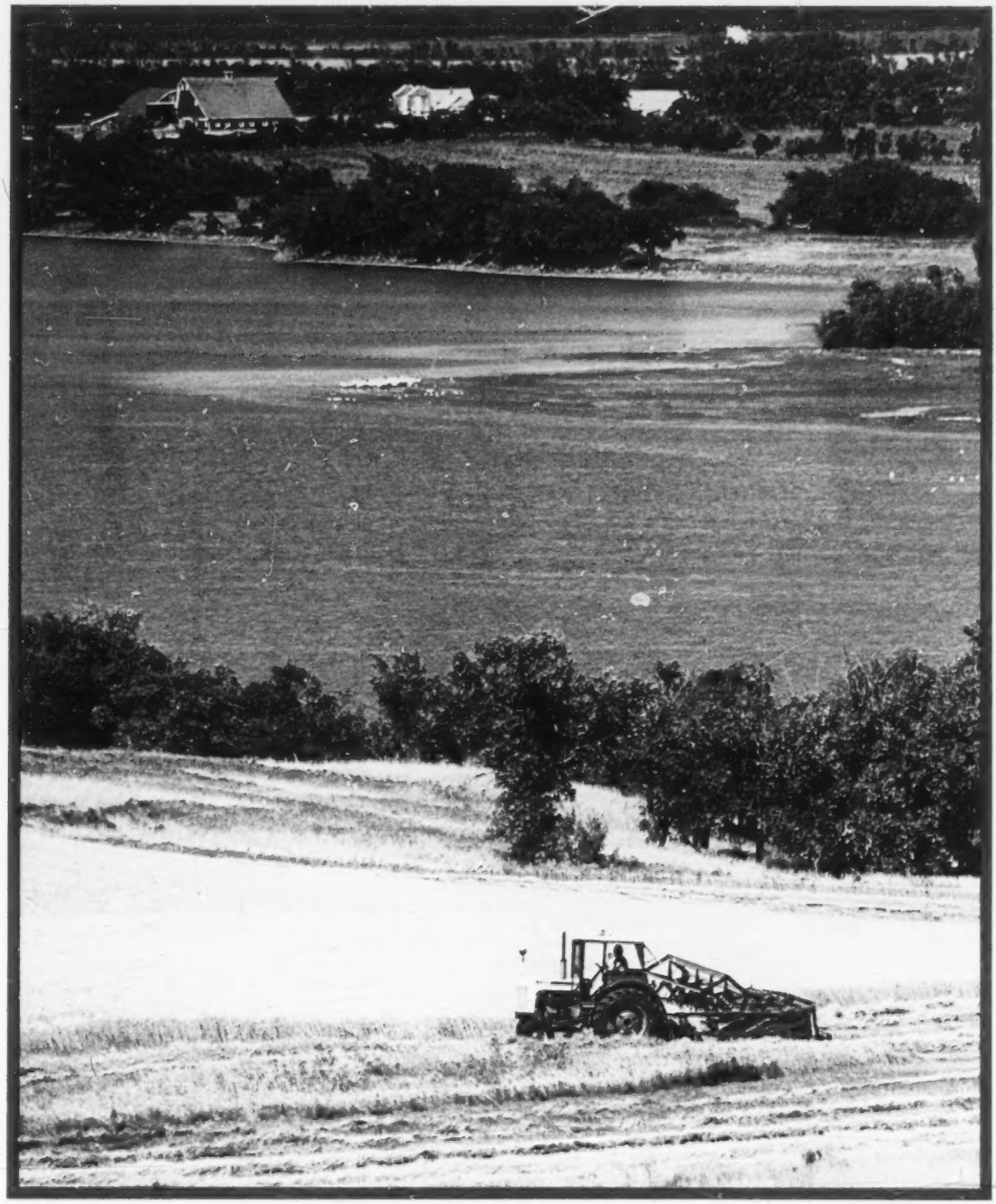
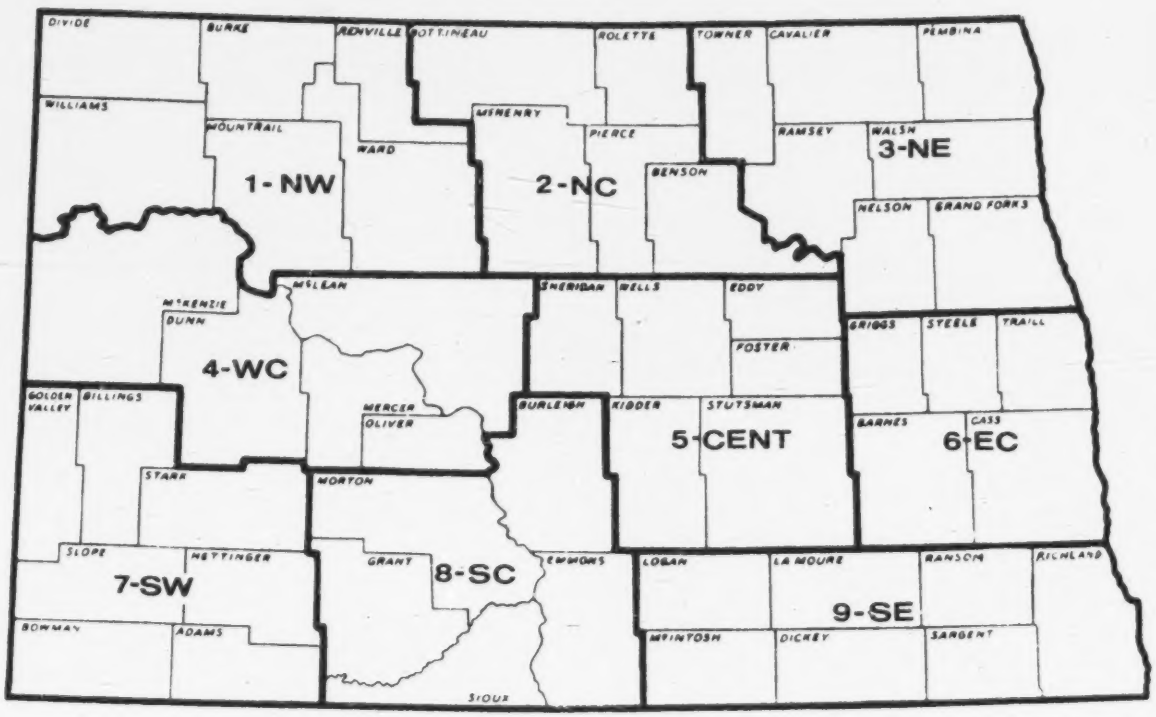
NORTH DAKOTA AGRICULTURAL STATISTICS 1985



Ag. Statistics No. 54
June 1985

NORTH DAKOTA

CROP REPORTING DISTRICTS



NORTH DAKOTA

AGRICULTURAL STATISTICS

1985

Compiled by

NORTH DAKOTA CROP & LIVESTOCK REPORTING SERVICE

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Issued

Cooperatively

by

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U.S. DEPARTMENT OF AGRICULTURE
STATISTICAL REPORTING SERVICE

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Hay, Alfalfa	25	89-94
Other	25	89-94
All	25,26,28	89-94
Millet	25	
Mustard	25	
Oats	24,26,27,30	67-69
Potatoes	24,26,29	98
Rye	24,26,28	70-72
Soybeans	25,26,28	97
Sugarbeets	24,26	98
Sunflower, Oil & Non-Oil	25,26	76-80
All	25,26,28	73-75
Wheat, Durum	24,26,27,30	48-55,99-103
Spring Wheat Other Than Durum	24,26,30	40-47,99-103
Winter	24,26,31	56-58
All	24,26,27	32-39,99-103
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Back: South of Garrison Dam, Mercer Co.

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U.S. Department of Agriculture
Statistical Reporting Service

Cooperating
North Dakota State University
Agricultural Experiment Station
Dept. of Agricultural Economics

June 1985

Dear Agricultural Data User:

It is again a pleasure to present this 28th Annual Summary of "North Dakota Agricultural Statistics, 1985" continuing a series which dates back to 1957. It is the 54th such publication published by this office including special issues. A reference to issues in this series containing county estimates is on the inside of the back cover.

This is a comprehensive report of farm statistics for North Dakota including estimates by counties for major crops and livestock. It also includes information on crop production, livestock numbers, farm income, prices, weather and grain shipments. This issue has been expanded from our traditional yearly publication to include final county estimates for recent years (1979-83, depending on items). Additional historic data at the state level is also included for livestock. These data were finalized following release of the 1982 Census of Agriculture with any changes in this series of data from earlier publication based primarily on the Census information.

A big special "THANK YOU" from all of us to the thousands of North Dakota farmers, ranchers and agri-business people who voluntarily report essential basic data for making these estimates. The information contained in this publication would not be possible without their most gracious and devoted service. The help of county extension agents, their staff, as well as other University, State and Federal agencies is also appreciated.

Collection and publication of these data have been made possible through the cooperative efforts of the Statistical Reporting Service, U.S.D.A., and North Dakota State University. Data were compiled by the staff of the North Dakota Crop and Livestock Reporting Service. Funds for reproduction were provided by the Agricultural Experiment Station, Department of Agricultural Economics, and Cooperative Extension Service of N.D.S.U. Other contributors include the National Weather Service, American Malting Barley Association, Inc., The Upper Great Plains Transportation Institute and the Public Service Commission.

Estimates are based on information collected from producers and agribusiness establishments. Much of the data are obtained from voluntary reports obtained through mail surveys. Probability sampling techniques are also utilized. All of the agriculture is accounted for within Sample segments of land randomly selected throughout the State. These segments represent a certain portion of the total land which enables the data to be expanded to State estimates.

Samples are also selected from a list of farm operations, "Universe List". State indications are obtained by expanding the sample data. Operations found in the land area frame sample mentioned above are also checked against the names on the list. Those not found are used to measure the incompleteness of the "List". Objective counts and measurements from sample plots in durum and other spring wheat fields are also used in estimating yields.

OTHER REPORTS AVAILABLE:

-- N.D. "Farm Reporter" (Bi-weekly)--
-- Weekly "Crop-Weather" --
-- Custom Rates --

Call us at (701) 237-5771, Ext. 306, or write P.O. Box 3166, Fargo, North Dakota 58108, for an order form.

Robert F. Carver

Robert F. Carver
Statistician in Charge

INTRODUCTORY STATISTICS

NORTH DAKOTA'S RANK AMONG STATES

RANK OF COUNTIES

FARM INCOME

REAL ESTATE

WEATHER

Summary of

NORTH DAKOTA'S RANK IN AGRICULTURE

NORTH DAKOTA'S 1984 CROP RANK AMONG STATES

North Dakota Ranks...		North Dakota Produces... (Percent of Nation)
1st in	Durum Wheat	76%
	Other Spring Wheat	43%
	Barley	26%
	Flaxseed	69%
	Sunflower	73%
2nd in	All Wheat	11%
	Pinto Beans	21%
3rd in	Rye	17%
	Total Cropland	6%
4th in	Oats	11%
	Sugarbeets	10%
	All Dry Beans	12%
	Area Harvested - Principal Crops	6%
6th in	Area Planted - Principal Crops	6%
7th in	Potatoes	6%

THE 10 LEADING STATES AND NORTH DAKOTA'S RANK

Item	1	2	3	4	5	6	7	8	9	10	North Dakota's Rank	Percent of Nation
CROP PRODUCTION - 1984												
Corn for Grain	IA	IL	NE	IN	MN	OH	WI	MI	SD	MO	23	1
Corn for Silage	WI	NY	MN	PA	IA	NE	MI	CA	SD	OH	19	2
Winter Wheat	KS	OK	TX	WA	CO	MO	NE	IL	MT	OR	21	1
Durum Wheat	ND	CA	AZ	MT	SD	MN	--	--	--	--	1	76
Other Spring Wheat	ND	MN	SD	MT	ID	WA	CO	OR	UT	NV	1	43
All Wheat	KS	ND	OK	WA	TX	SD	MN	CO	MT	MO	2	11
Oats	SD	MN	WI	ND	IA	MI	PA	NE	OH	IL	4	11
Barley	ND	ID	WA	MN	MT	SD	CA	CO	OR	UT	1	26
Rye	SD	MN	ND	GA	NE	OK	MI	PA	NC	SC	3	17
Flaxseed	ND	SD	MN	--	--	--	--	--	--	--	1	69
Potatoes	ID	WA	CA	OR	ME	WI	ND	CO	MN	MI	7	6
Sugarbeets	CA	MN	ID	ND	MI	NE	CO	TX	WY	MT	4	10
Soybeans	IL	IA	MN	IN	OH	MO	AK	MS	LA	NE	21	1
Pinto Beans	CO	ND	ID	NE	WY	WA	KS	MN	MT	UT	2	21
Dry Edible Beans, All	MI	NE	CA	ND	ID	CO	WY	WA	MN	NY	4	12
Sunflower, Oil	ND	SD	MN	TX	--	--	--	--	--	--	1	72
Sunflower, Non-oil	ND	MN	SD	--	--	--	--	--	--	--	1	93
Sunflower, All	ND	SD	MN	TX	--	--	--	--	--	--	1	73
Alfalfa Hay & Mixtures	WI	CA	IA	MN	SD	NE	MI	ID	KS	IL	12	3
All Other Hay	MO	TX	KS	NY	KY	NE	OK	PA	SD	TN	12	3
All Hay	WI	MN	SD	CA	IA	NE	MO	KS	TX	NY	14	3
Total Acreage of Principal Crops Planted	IA	IL	TX	KS	MN	ND	NE	SD	MO	IN	6	6
Total Acreage of Principal Crops Harvested	IA	IL	KS	ND	MN	TX	NE	SD	MO	IN	4	6
LIVESTOCK ON HAND - JAN. 1, 1985												
All Cattle & Calves	TX	NE	KS	IA	OK	CA	MO	WI	SD	MN	17	2
Cows That Have Calved												
Milk	WI	CA	NY	MN	PA	MI	OH	IA	TX	KY	27	1
Beef	TX	MO	OK	NE	SD	MT	KS	IA	FL	TN	13	3
All Hogs - Dec. 1, 1984	IA	IL	2/	2/	NE	MO	NC	OH	3/	3/	23	*
All Sheep & Lambs	TX	CA	WY	CO	SD	NM	4/	4/	OR	IA	16	2
Sheep & Lambs on Feed	CO	CA	TX	WY	OR	IA	5/	5/	MN	NE	12	3
Cattle & Calves on Feed	TX	NE	KS	CO	IA	CA	IL	AZ	MN	SD	26	*
All Chickens, Dec. 1984	CA	IN	GA	AR	PA	NC	OH	TX	AL	FL	43	*
LIVESTOCK PRODUCTION IN 1984												
Calf Crop	TX	MO	WI	OK	6/	6/	CA	IA	MT	KS	14	2
Lamb Crop	TX	CA	SD	WY	MT	UT	CO	ID	NM	IA	14	2
Pig Crop	IA	IL	MN	IN	MO	NE	NC	OH	KS	SD	24	*
Chickens Raised	CA	GA	IN	AR	PA	AL	OH	NC	TX	MN	41	*
Turkeys Raised	NC	MN	CA	AR	MO	VA	IN	WI	PA	IA	19	1
Egg Production	CA	IN	GA	PA	AR	OH	NC	TX	FL	AL	44	*
Wool Production	TX	CA	WY	CO	SD	UT	MT	NM	IA	ID	16	2
Milk Production	WI	CA	NY	MN	PA	MI	OH	TX	IA	WA	30	1
Butter	WI	CA	MN	WA	PA	MI	NY	NE	MO	OH	17	*
American Cheese	WI	MN	CA	IA	ID	SD	NY	MO	UT	ND	10	2
CASH RECEIPTS - 1984												
Crops	CA	IL	IA	FL	TX	MN	NE	NC	KS	IN	13	3
Livestock	TX	IA	CA	WI	NE	KS	MN	CO	MO	PA	31	1
Total	CA	TX	IA	IL	NE	MN	KS	WI	FL	NC	24	2
Government Payments 1/	TX	IA	NE	MN	KS	ND	IL	CA	OK	AR	6	6
Realized Income Per Farm												
Gross 1/	AZ	CA	DE	HI	CO	NE	FL	ID	NV	IA	11	--
Net 1/	CA	DE	FL	AZ	HI	WA	IL	ND	MA	IA	8	--

* Less than one-half of one percent. 1/ 1983 Data. 2/ IN and MN tied for 3rd place. 3/ KS and SD tied for 9th place. 4/ MT and UT tied for 7th place. 5/ KS and SD tied for 7th place. 6/ NE and SD tied for 5th place.

RANK OF NORTH DAKOTA'S COUNTIES

County	Crop Production - 1984								Livestock on Hand			
	All Wheat	Spring Wheat	Durum Wheat	Sun-flower	Barley	Oats	Corn Grain	All Hay	All Cattle Jan. 1 1985	Milk Cows Jan. 1 1985	All Hogs Dec. 1 1984	All Sheep Jan. 1 1985
Adams	38	35	32	32	44	18	34	23	20	39*	34*	3
Barnes	6	5	20	3	4	23	9	33	26*	21*	8*	10*
Benson	19	44	4	8	18	35	14	31	28	19	29	40
Billings	53	51	53	52	53	49	49	34	23*	39*	53	51*
Bottineau	9	38	3	22	8	30	35	37	40*	43*	45	41
Bowman	44	43	30*	46	36	26	50	24	21*	45*	31*	1
Burke	35	37	18	39	32	31	52*	46	46	45*	52	15*
Burleigh	34	19	48	31	47	12	28	7	8*	12	10	35*
Cass	1	3	21	12	2	40	2	39	29*	33	2	6
Cavalier	3	8	5	19	1	48	44	51	47*	45*	24*	51*
Dickey	26	27	27	17	19	17	4	12	12	16	3	5
Divide	43	53	14	47	33	43	52*	48	44*	51*	38*	30
Dunn	41	30	43	45	39	11	41	2	2	20	24*	35*
Eddy	48	45	33	21	46	28	25	30	39	34*	48	14
Emmons	22	12	49	40	38	1	16	4	4	1	16*	42
Foster	30	20	30*	7	43	38	21	44	40*	43*	21*	29
Golden Valley	50	47	37	51	48	45	38	45	32*	30*	21*	19
Grand Forks	7	4	26	14	3	36	7	41	44*	30*	15	25*
Grant	45*	34	51	30	35	8	17	11	3	6	6*	10*
Griggs	32	24	36	20	16	37	26	42	38	28	38*	31*
Hettinger	15	10	24	13	30	21	20	29	32*	11	13*	43*
Kidder	47	41	28	37	49	13	15	3	7	10	20	7
LaMoure	17	13	19	5	21	9	6	20	17	8	5	9
Logan	39	29	35	41	34	14	27	8	11	7	31*	31*
McHenry	28	26	22	11	26	10	22	1	8*	9	37	15*
McIntosh	33	28	25	33	45	4	31	9	13	3	24*	39
McKenzie	42	42	23	53	41	42	43	16	5	39*	34*	2
McLean	12	17	7	4	25	5	19	14	15	15	27*	31*
Mercer	49	39	39*	42	50	20	45	15	14	21*	38*	47
Morton	37	23	50	38	29	3	23	6	1	2	8*	13
Mountrail	25	50	8	28	27	22	47*	25	23*	26*	38*	24
Nelson	14	18	10	10	13	32	24	38	43	30*	31*	35*
Oliver	51	46	52	49	51	25	36	22	18*	13*	18	25*
Pembina	5	1	47	35	7	47	13	43	47*	51*	12	45*
Pierce	31	40	15	15	28	24	29	19	34*	17*	50*	45*
Ramsey	10	21	6	9	10	46	33	49	49*	37*	36	43*
Ransom	29	22	45	25	23	19	3	26	26*	29	6*	23
Renville	21	25	12	34	15	16	47*	52	49*	36	50*	53
Richland	11	7	34	29	17	15	1	17	16	13*	1	28
Kolette	36	52	11	27	22	50	46	21	37	37*	47	34
Sargent	23	32	29	23	31	27	5	27	21*	25	4	18
Sheridan	40	31	42	16	40	33	37	32	34*	23*	46	50
Sioux	52	49	46	50	52	34	40	18	23*	26*	44	38
Slope	45*	36	38	44	37	39	42	28	29*	39*	21*	20*
Stark	24	15	44	36	42	6	32	10	10	5	16*	20*
Steele	20	11	41	26	9	51	12	53	52	51*	49	25*
Stutsman	4	6	9	1	12	7	10	5	6	4	11	8
Towner	16	48	1	24	11	52	39	47	51	45*	38*	15*
Traill	13	9	39*	48	5	53	8	50	53	45*	19	48*
Walsh	2	2	16	18	6	44	18	40	42	34*	13*	48*
Ward	8	14	2	6	14	2	30	13	18*	17*	27*	10*
Wells	18	16	13	2	20	29	11	35	34*	23*	30	22
Williams	27	33	17	43	24	41	51	36	29*	45*	38*	4

*Tied with another county

NORTH DAKOTA FARM INCOME

Source: Economic Indicators of the Farm Sector, U.S.D.A. - E.R.S.

1984 CASH RECEIPTS, PRELIMINARY

Cash receipts from farm marketings in North Dakota during 1984 totaled $2,558 million, down 5 percent from 1983 and 3 percent below receipts in 1982.

Cash receipts from crops in 1984 totaled $1,898 million or 74 percent of total receipts, while cash receipts from livestock and livestock products, at $660 million made up the remaining 26 percent. Cash receipts from crops fell 6 percent from 1983, while livestock receipts slipped less than one-half of one percent. Government payments for 1984 were not available at press time; therefore it is not possible to show total cash receipts from all sources.

1983 CASH RECEIPTS

Cash receipts from North Dakota farm marketings totaled $2,691 million in 1983, an increase of 2 percent over 1982 and 4 percent above the 1981 total. Receipts from marketed crops totaled $2,028 million, 75 percent of the total while livestock and livestock products receipts totaled $663 million, 25 percent of the total.

Cash receipts for crops were virtually unchanged from 1982 while livestock receipts were up 9 percent. Government payments added another $579 million (up from $200 million in 1982) bringing total cash receipts from agricultural production to $3,270 million in 1983.

Wheat continued to be the largest source of cash receipts for North Dakota farmers, bringing in $1,101 million in 1983, 41 percent of the total excluding government payments. Cattle and calves ranked second in total cash receipts with $455 million in 1983, 17 percent of the total, and sunflower accounted for 12 percent or $324 million.

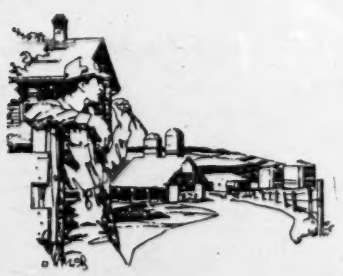
INCOME PER FARM

Realized gross income per farm averaged a record high $95,931 in 1983, up 15 percent from $83,146 in 1982. In 1981 the realized gross income per farm was $76,556.

Realized net income, which excludes changes in inventory values, averaged $23,520 per farm, up 174 percent from 1982. Realized net income is the primary measure of change in the farmers income position.

Total net income rose to an average of $17,853 per farm in 1983, up 74 percent from the 1982 average of $10,253. Total net income figures include changes in inventory value.

Farm production expenses for 1984 were not yet available at press time; therefore the 1984 net income situation is not included in this publication.



Cash Receipts from Farm Marketings and Government Payments, North Dakota, 1981-83 and 1984 Preliminary

Item	1981 1/	1982 1/	1983	Percent Total 1983 2/	1984 Preliminary
	--- Thousand Dollars ---			-Pct.-	-000 $-
CROPS	1,991,758	2,028,868	2,028,479	75.4	1,898,038
Food Grains	1,047,691	1,205,130	1,112,550	41.3	
Wheat	1,042,949	1,198,581	1,101,127	40.9	
Rye	4,742	6,549	11,423	.4	
Feed Crops	281,459	246,644	268,020	10.0	
Barley	187,347	140,375	182,779	6.8	
Corn	47,164	65,322	43,358	1.6	
Hay	27,811	21,059	15,747	.6	
Oats	19,137	19,888	26,136	1.0	
Oil Crops	375,618	376,260	425,953	15.8	
Sunflower Seeds	314,973	301,343	323,798	12.0	
Soybeans	30,163	44,920	59,700	2.2	
Flaxseed	30,482	29,997	42,455	1.6	
Vegetables & Fruits	196,336	91,361	109,475	4.1	
Dry Beans	101,919	31,356	34,149	1.3	
Potatoes	93,967	59,525	74,826	2.8	
Miscellaneous	450	480	500	-	
All Other Crops	90,554	109,358	112,351	4.2	
Sugarbeets	55,247	88,393	86,644	3.2	
Other	26,920	11,865	15,707	.6	
LIVESTOCK PRODUCTS	598,003	606,259	662,654	24.6	660,099
Meat Animals	443,227	446,633	493,836	18.4	
Cattle & Calves	400,586	398,105	454,722	16.9	
Hogs	35,785	40,680	32,472	1.2	
Sheep & Lambs	6,856	7,848	6,642	.2	
Dairy Products	120,960	123,125	129,000	4.8	
Milk, Wholesale	120,960	123,125	129,000	4.8	
Poultry & Eggs	9,872	9,605	9,513	.4	
Turkeys	7,069	6,529	4,404	.2	
Eggs	2,665	2,960	4,991	.2	
Chickens, Farm	138	116	118	-	
Miscellanous Livestock	23,944	26,896	30,305	1.1	
Honey & Beeswax	12,850	NA	NA	-	
Wool	1,600	1,122	836	-	
Other Livestock	9,494	25,774	29,469	1.1	
TOTAL CROPS & LIVESTOCK	2,589,761	2,635,127	2,691,133	100.0	2,558,137
Government Payments	130,659	200,176	578,760	-	NA
GRAND TOTAL	2,720,420	2,835,303	3,269,893	-	NA

1/ Revised. 2/ Items may not add due to rounding. NA - Not available.

Cash Receipts from Marketings, by Months and Percent Distribution, North Dakota, 1984 1/

Month	Livestock		Crops		Total	
	(000 $)	(Pct.)	(000 $)	(Pct.)	(000 $)	(Pct.)
January	68,057	10.3	88,899	4.7	156,956	6.1
February	63,110	9.6	52,463	2.8	115,573	4.5
March	72,070	10.9	111,104	5.8	183,174	7.2
April	60,564	9.2	96,425	5.1	156,989	6.1
May	41,054	6.2	62,670	3.3	103,724	4.1
June	40,422	6.1	108,923	5.7	149,345	5.8
July	34,453	5.2	96,921	5.1	131,374	5.2
August	37,374	5.6	316,680	16.7	354,054	13.8
September	41,628	6.3	229,502	12.1	271,130	10.6
October	57,871	8.8	238,390	12.6	296,261	11.6
November	79,075	12.0	330,293	17.4	409,368	16.0
December	64,421	9.8	165,768	8.7	230,189	9.0
Year	660,099	100.0	1,898,038	100.0	2,558,137	100.0

1/ Preliminary.

FARM INCOME CONT.

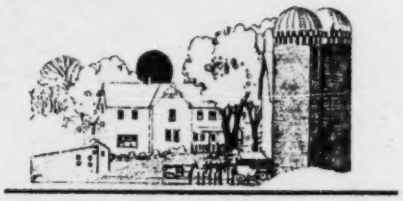
Cash Receipts from Government Payments
North Dakota, 1981-1984

Item	1981	1982	1983	1984
	--- Thousand Dollars ---			
Conservation	3,563	2,491	4,390	NA
Feed Grain Program	14,539	22,055	32,542	NA
Wheat Program	67,796	105,480	141,669	NA
Miscellaneous	44,761	70,150	400,159	NA
TOTAL	130,659	200,176	578,760	NA

NA - Not Available.

Value of Home Consumption
North Dakota, 1981-83

Item	1981	1982	1983
	--- Thousand Dollars ---		
Cattle & Calves	8,097	6,551	7,143
Hogs	2,372	1,620	1,406
Sheep & Lambs	102	100	111
Dairy	1,512	1,500	1,500
Poultry & Eggs	262	231	293
ALL LIVESTOCK & PRODUCTS	12,345	10,002	10,453
ALL CROPS	1,281	1,048	1,038
TOTAL ABOVE	13,626	11,050	11,491

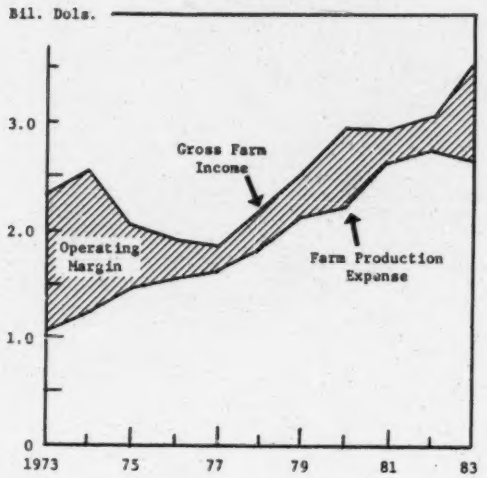


Income per Farm, North Dakota, 1972-1983

Year	Realized Gross Income per Farm 1/	Realized Net Income per Farm 1/	Total Net Income per Farm 2/
	--- Dollars ---		
1972	32,135	13,768	13,891
1973	54,192	28,961	35,414
1974	59,463	30,449	25,216
1975	49,567	14,048	19,879
1976	45,815	8,421	8,538
1977	46,141	7,083	4,369
1978	56,191	11,373	13,553
1979	63,162	10,638	10,775
1980	73,421	18,011	6,129
1981	76,556	8,613	20,032
1982	83,146	8,594	10,253
1983	95,931	23,520	17,853

1/ Excludes changes in inventories. 2/ Includes changes in inventories.

Operating Margin For
North Dakota Farmers, 1973-83



Farm Production Expenses
North Dakota, 1981-1983

Item	1981	1982	1983
	--- Million Dollars ---		
Feed	72.6	62.7	76.1
Livestock	24.1	28.0	30.9
Seed	86.3	87.5	68.9
Fertilizer & Lime	230.8	185.2	166.6
Repair & Operation of Capital Items	427.8	417.5	401.8
Hired Labor	99.5	118.2	126.1
Miscellaneous	549.8	697.3	620.0
Total Current Farm Operating Expenses	1490.7	1596.5	1490.2
Depreciation & Other Consumption of Farm Capital	618.5	623.4	616.8
Taxes on Farm Property	80.2	85.6	82.0
Interest on Farm Mortgage Debt	190.5	222.4	237.1
Net Rent to Non-Farm Landlords	235.8	230.4	216.9
Total Production Expenses	2615.8	2758.4	2643.0

Total Cash Receipts and Total Income
North Dakota, 1981-83

Item	1981	1982	1983
	--- Million Dollars ---		
Cash Receipts from Farm Marketings	2,589.8	2,635.1	2,691.1
Government Payments	130.7	200.2	578.8
Non-Money Income	183.6	196.1	197.0
Other Farm Income	43.4	45.0	34.6
Total Realized Gross Farm Income	2,947.4	3,076.4	3,501.5
Farm Production Expense	2,615.8	2,758.4	2,643.0
Realized Net Farm Income	331.6	318.0	858.5
Net Change in Farm Inventories	439.6	61.4	-206.8
Total Net Farm Income	771.2	379.4	651.6

Source of above data: Economic Indicatprs of the Farm Sectors, U.S.D.A. E.R.S

FARM INCOME CONT.

Cash Income Received by Farmers by County, North Dakota 1982-83

District and County	1982				1983			
	Crops	Livestock	Government Payments	Total	Crops	Livestock	Government Payments	Total
	(Thousand Dollars)				(Thousand Dollars)			
Burke	22,662	4,537	3,069	30,268	22,648	5,041	8,449	36,138
Divide	25,645	5,483	4,010	35,138	25,628	6,003	11,734	43,365
Mountrail	32,578	10,738	4,028	47,344	32,584	11,916	11,702	56,202
Renville	27,512	3,746	3,579	34,837	27,494	4,097	10,753	42,344
Ward	58,756	15,206	6,776	80,738	58,802	16,405	18,146	93,353
Williams	40,207	12,717	4,985	57,909	40,193	14,180	15,213	69,586
Northwest	207,360	52,427	26,447	286,234	207,349	57,642	75,997	340,988
Benson	42,266	9,409	3,616	55,291	42,252	10,223	11,751	64,226
Bottineau	56,332	7,779	7,183	71,294	56,297	8,574	17,880	82,751
McHenry	29,029	21,851	2,897	53,777	29,011	24,037	9,370	62,418
Pierce	20,134	10,156	2,581	32,871	20,122	11,010	7,747	38,879
Rolette	20,505	6,333	3,412	30,250	20,492	6,976	8,654	36,122
North Central	168,266	55,528	19,689	243,483	168,174	60,820	55,402	284,396
Cavalier	68,121	3,992	10,590	82,703	68,078	4,219	29,746	102,043
Grand Forks	113,741	9,715	7,127	130,583	113,708	10,439	20,866	145,013
Nelson	35,105	8,803	4,581	48,489	35,097	9,231	13,520	57,848
Pembina	97,470	5,043	7,477	109,990	97,485	5,201	19,481	122,167
Ramsey	48,184	4,338	5,759	58,281	48,154	4,605	15,646	68,405
Towner	40,485	2,784	5,763	49,032	40,459	2,975	14,530	57,964
Walsh	112,829	7,169	6,445	126,443	112,785	7,683	20,563	141,031
Northeast	515,935	41,844	47,742	605,521	515,766	44,353	134,352	694,471
Dunn	14,972	26,101	1,979	43,052	14,962	29,071	4,924	48,957
McKenzie	22,484	20,925	2,295	45,704	22,500	23,258	5,956	51,714
McLean	45,987	14,731	5,885	66,603	45,971	16,158	17,216	79,345
Mercer	10,992	14,162	1,350	26,504	10,985	15,717	3,813	30,515
Oliver	7,135	11,626	753	19,514	7,130	12,587	2,200	21,917
West Central	101,570	87,545	12,262	201,377	101,548	96,791	34,109	232,448
Eddy	16,596	7,067	1,972	25,635	16,587	7,762	5,795	30,144
Foster	27,178	13,549	2,604	43,331	27,160	15,076	8,192	50,428
Kidder	14,412	21,355	1,871	37,638	14,403	23,558	5,398	43,359
Sheridan	17,563	10,177	1,875	29,615	17,554	11,184	6,074	34,812
Stutsman	70,893	29,195	7,440	107,528	70,849	31,956	21,277	124,082
Wells	46,215	16,019	4,754	66,988	46,192	17,759	13,544	77,495
Central	192,857	97,362	20,516	310,735	192,745	107,295	60,280	360,320
Barnes	76,338	14,564	6,103	97,005	76,373	15,559	19,753	111,685
Cass	157,488	20,538	7,570	185,596	157,567	21,914	28,207	207,688
Griggs	25,482	8,163	2,769	36,414	25,467	8,856	7,810	42,133
Steele	46,108	2,891	3,084	52,083	46,078	3,181	11,565	60,824
Traill	82,290	4,667	4,536	91,493	82,237	4,896	15,429	102,562
East Central	387,706	50,823	24,062	462,591	387,722	54,406	82,764	524,892
Adams	13,643	10,664	2,221	26,528	13,635	11,421	4,939	30,395
Billings	4,154	7,399	519	12,072	4,151	8,287	1,185	13,623
Bowman	11,241	11,702	2,107	25,050	11,233	12,974	5,052	29,259
Golden Valley	10,235	11,513	2,309	24,057	10,233	12,633	4,350	27,216
Hettinger	26,905	10,650	4,204	41,759	26,901	11,426	9,969	48,296
Slope	9,966	9,085	1,818	20,869	9,959	10,017	4,626	24,602
Stark	21,890	24,969	2,729	49,588	21,902	27,227	6,850	55,979
Southwest	98,034	85,982	15,907	199,923	98,014	94,385	36,971	229,370
Burleigh	21,365	21,149	2,561	45,075	21,487	22,992	7,067	51,546
Emmons	22,181	23,291	2,109	47,581	22,167	25,270	6,773	54,210
Grant	14,963	21,448	2,040	38,451	14,955	23,183	5,542	43,680
Morton	17,547	37,145	2,483	57,175	17,543	40,492	6,663	64,698
Sioux	3,874	9,181	596	13,651	3,872	10,191	1,375	15,438
South Central	79,930	112,214	9,789	201,933	80,024	122,128	27,420	229,572
Dickey	34,179	22,411	3,351	59,941	34,170	24,067	8,586	66,823
LaMoure	40,426	18,896	4,333	63,655	40,400	20,323	11,207	71,930
Logan	13,928	19,542	1,963	35,433	13,919	21,507	5,634	41,060
McIntosh	15,785	17,165	1,791	34,741	15,775	18,750	5,436	39,961
Ransom	31,525	12,963	3,463	47,951	31,570	13,886	9,483	54,939
Richland	110,248	18,498	6,033	134,779	110,205	19,157	22,542	151,904
Sargent	31,119	16,176	2,828	50,123	31,098	17,229	8,577	56,904
Southeast	277,210	125,651	23,762	426,623	277,137	134,919	71,465	483,521
STATE	2,028,868	709,376	200,176	2,938,420	2,028,479	772,739	578,760	3,379,978

Source: U.S. Dept. of Commerce, Bureau of Economic Analysis, Washington, D.C.

FARM REAL ESTATE

NUMBER OF FARMS, AVERAGE SIZE, AND ALL LAND IN FARMS, North Dakota, 1970-84

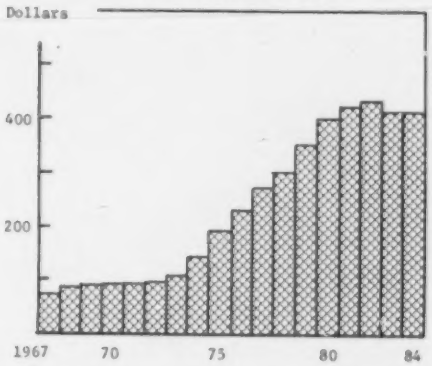
Year	Number of Farms	Average Size of Farms	All Land in Farms
	(Number)	(Acres)	(000 Acres)
1970	45,500	921	41,900
1971	45,000	929	41,800
1972	44,000	950	41,800
1973	43,500	961	41,800
1974	43,000	970	41,700
1975	42,000	1,007	42,300
1976	41,500	1,012	42,000
1977	41,000	1,020	41,800
1978	41,000	1,017	41,700
1979	40,500	1,030	41,700
1980	40,000	1,043	41,700
1981	38,500	1,073	41,300
1982	37,000	1,108	41,000
1983	36,500	1,123	41,000
1984	36,000	1,139	41,000

FARM REAL ESTATE VALUE AND TAXES
North Dakota, 1976-84*

Year	Total Value	Value per Acre	Total Taxes	Taxes per Acre	Taxes Per 100 Dollars Full Value
	(Mil. Dols.)	(Dols.)	(Mil. Dols.)	(Dols.)	(Dols.)
1976	9,912	236	63.5	1.58	.65
1977	11,451	274	70.1	1.74	.62
1978	12,493	300	71.7	1.78	.58
1979	14,470	347	74.3	1.85	.51
1980	16,627	399	80.4	2.00	.48
1981	17,639	423	80.2	2.00	.46
1982	18,181	436	NA	NA	NA
1983	17,264	414	NA	NA	NA
1984	17,264	414	NA	NA	NA

NA - Not Available. Source: Farm Real Estate Market Developments, E.R.S.

FARM REAL ESTATE - VALUE PER ACRE
North Dakota, 1967-84*



GROSS RENTS PER ACRE AND RATIO TO VALUE
North Dakota, 1977-84 *

Year	Farms		Cropland		Pastures	
	Gross Rent Per Acre	Ratio Gross Rent to Value	Gross Rent Per Acre	Ratio Gross Rent to Value	Rent Per Acre	Ratio Rent to Value
	($)	(%)	($)	(%)	($)	(%)
1977	20.10	6.7	25.20	7.0	7.60	5.0
1978	19.70	6.5	24.70	6.6	7.40	4.8
1979	22.40	6.2	27.80	6.4	7.80	4.4
1980	24.10	6.0	30.40	6.4	8.70	4.6
1981	25.50	5.9	31.60	6.1	9.10	4.3
1982	27.30	5.8	32.90	6.1	9.20	4.4
1983	26.90	6.3	32.60	6.5	8.70	4.4
1984	28.50	6.4	34.40	6.8	9.30	4.8

Source: Farm Real Estate Market Developments, E.R.S.

RENT PER ACRE BY DISTRICT,
North Dakota, 1983-84*

District	Rented for Cash					
	Farms		Cropland		Pasture	
	1983	1984	1983	1984	1983	1984
	- - - Dollars - - -					
Northwest	21.70	24.90	24.20	28.00	6.90	7.10
North Central	25.70	25.70	30.10	28.90	9.50	9.50
Northeast	42.20	41.50	44.60	45.90	10.10	10.70
West Central	19.20	21.40	23.20	26.00	7.30	8.70
Central	29.90	27.70	32.60	32.00	10.90	10.60
East Central	44.70	46.60	48.80	50.50	11.20	12.20
Southwest	13.40	14.80	18.00	19.80	8.10	8.60
South Central	15.80	16.30	21.50	21.50	8.10	9.10
Southeast	32.70	40.80	39.60	45.70	13.60	13.40
STATE	26.90	28.50	32.60	34.40	8.70	9.30

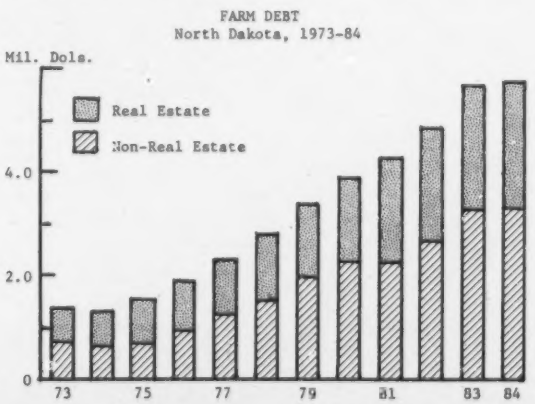
* Farm real estate and farm rent data for 1985 were not available at press time.

FARM ASSETS & DEBT

Farm Balance Sheet, North Dakota, January 1, 1980-84

Item	1980	1981	1982	1983	1984
			- - - - - - Million Dollars - - - - - -		
			EXCLUDING FARM HOUSEHOLDS		
ASSETS					
Total Farm Assets	22,210.7	23,083.9	24,014.4	23,630.8	23,326.4
Real Estate	15,798.6	16,757.5	17,281.4	16,417.9	16,426.3
Livestock and Poultry	1,113.8	980.8	892.7	902.6	927.6
Machinery and Motor Vehicles	2,951.1	3,057.5	3,218.4	3,305.9	3,233.4
Crops	1,529.4	1,414.1	1,641.3	1,874.7	1,542.5
Financial Assets	817.9	873.9	980.6	1,129.8	1,196.6
CLAIMS					
Total Farm Debt	3,714.3	4,067.1	4,636.1	5,424.3	5,495.7
Real Estate Debt	1,544.3	1,919.2	2,070.8	2,203.3	2,270.6
Nonreal Estate Debt	1,804.0	1,879.8	2,089.4	2,270.0	2,276.1
CCC Loans	366.0	268.0	476.0	951.0	949.0
Equity	18,496.4	19,016.8	19,378.3	18,206.5	17,830.6
RATIOS			- - - - - - Ratio - - - - - -		
Equity/Assets	83.3	82.4	80.7	77.0	76.4
Debt/Equity	20.1	21.4	23.9	29.8	30.8
Debt/Assets, Total	16.7	17.6	19.3	23.0	23.6
Debt/Assets, Real Estate	9.8	11.5	12.0	13.4	13.8
Debt/Assets, Nonreal Estate and CCC	33.8	34.0	38.1	44.7	46.7
Returns to Operator/Total Debt	3.8	16.0	5.4	9.7	NA
			INCLUDING FARM HOUSEHOLDS		
ASSETS			- - - - - - Million Dollars - - - - - -		
Total Farm Assets	23,801.6	24,712.4	25,688.9	25,265.7	24,979.6
Real Estate	16,638.3	17,639.1	18,181.2	17,263.8	17,263.8
Livestock and Poultry	1,113.8	980.8	892.7	902.6	927.6
Machinery and Motor Vehicles	3,142.9	3,238.1	3,400.2	3,466.2	3,380.9
Crops	1,529.4	1,414.1	1,641.3	1,874.7	1,542.5
Household Equip. and Furnishings	238.3	258.8	290.8	324.1	350.6
Deposits and Currency	296.9	293.9	300.4	311.8	326.5
U.S. Savings Bonds	161.5	148.3	138.4	133.7	137.2
Investments in Cooperative	680.6	739.2	843.9	989.0	1,050.6
CLAIMS					
Total Farm Debt	3,906.9	4,283.7	4,878.1	5,678.7	5,753.2
Real Estate Debt	1,626.4	2,020.2	2,178.6	2,316.9	2,386.4
Nonreal Estate Debt	1,914.5	1,995.5	2,223.5	2,410.9	2,417.8
CCC Loans	366.0	268.0	476.0	951.0	949.0
Equity	19,894.7	20,428.7	20,810.8	19,587.0	19,226.4
RATIOS			- - - - - - Ratio - - - - - -		
Equity/Assets	83.6	82.7	81.0	77.5	77.0
Debt/Equity	19.6	21.0	23.4	29.0	29.9
Debt/Assets, Total	16.4	17.3	19.0	22.5	23.0
Debt/Assets, Real Estate	9.8	11.5	12.0	13.4	13.8
Debt/Assets, Nonreal Estate and CCC	31.8	32.0	36.0	42.0	43.6
Net Farm Income/Debt	6.3	18.0	7.8	11.5	NA

NA - Not Available. Source: Economic Indicators of the Farm Sector, U.S.D.A. - E.R.S.



NORTH DAKOTA WEATHER DATA

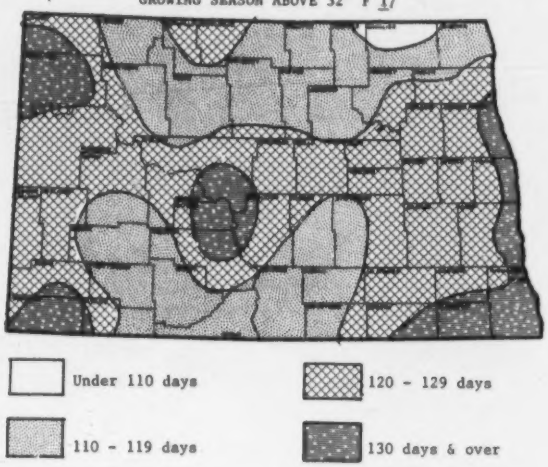
PRECIPITATION, MEAN TEMPERATURE AND DEPARTURES,
North Dakota, April-September 1984

Month	Precipitation	Departure	Mean Temperature	Departure
	(Inches)	(Inches)	(Degrees F)	(Degrees F)
April	2.99	+1.44	43.4	+ 2.2
May	.50	-1.85	52.8	- 1.5
June	3.79	+ .35	63.7	0.0
July	1.11	-1.36	70.3	+ 0.9
August	1.25	- .95	72.0	+ 4.2
September	1.06	- .71	51.9	- 4.8

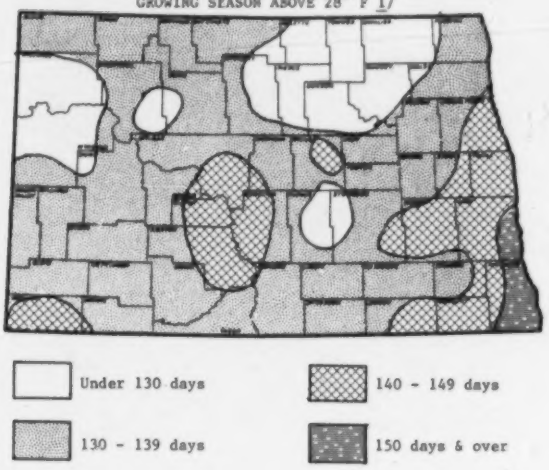
DAYS MAXIMUM TEMPERATURES REACHED 90° OR MORE
AT MAIN NORTH DAKOTA WEATHER STATIONS
JUNE 1 THROUGH AUGUST 31

Station	1980	1981	1982	1983	1984
	- - - Number of Days - - -				
Fargo	10	8	12	18	12
Bismarck	16	14	13	28	21
Williston	26	35	20	44	30
Dickinson	19	19	18	36	18

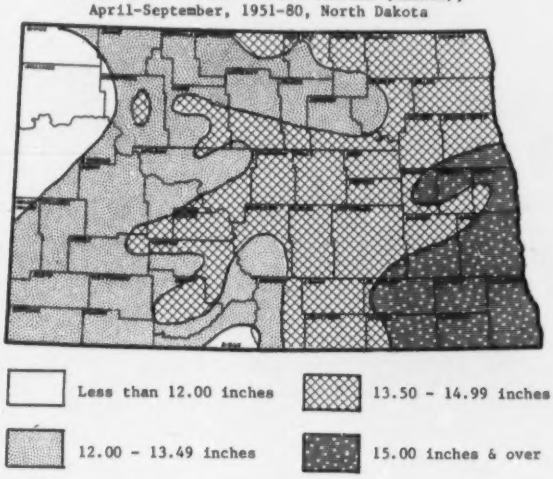
LONG-TERM AVERAGE NUMBER OF DAYS IN
GROWING SEASON ABOVE 32° F 1/



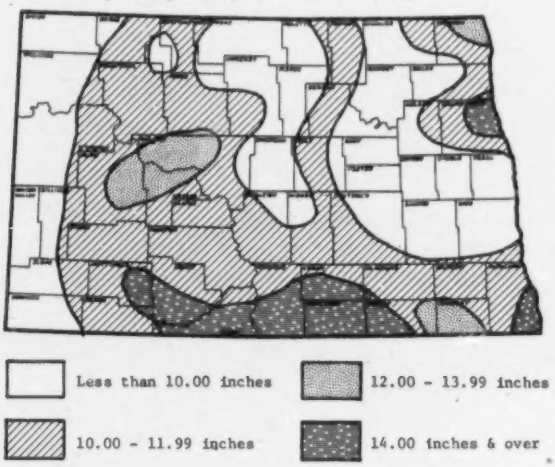
LONG-TERM AVERAGE NUMBER OF DAYS IN
GROWING SEASON ABOVE 28° F 1/



AVERAGE GROWING SEASON PRECIPITATION (Inches),
April-September, 1951-80, North Dakota



ANNUAL GROWING SEASON PRECIPITATION (Inches),
April-September, 1984 - North Dakota



1/ Based on data for selected stations. Number of years used in average ranges by station from 26-78 years.
Source: Environmental Data and Information Service.

WEATHER DATA CONT.

AVERAGE TEMPERATURE BY MONTHS, BY STATIONS AND CROP REPORTING DISTRICTS, NORTH DAKOTA, 1984 1/
(Degrees F)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Bowbells	10.8	27.6	20.1	41.9	49.5	62.1	69.1	M	48.0	38.9	23.4	2.7	38.8
Crosby	13.9	28.8	26.6	45.8	54.7	65.0	73.2	74.3	50.8	41.2	26.0	5.3	42.1
Fortuna	12.0	26.1	23.8	43.5	50.1	61.0	69.0	71.1	46.9	38.1	24.4	3.5	39.1
Kenmare	13.2	25.6	23.0	42.1	47.6	62.2	69.4	69.9	47.8	39.3	24.3	M	39.2
Minot Exp. Station	12.9	26.1	22.6	43.6	52.0	63.2	69.8	71.2	49.9	41.6	25.7	6.8	40.5
Mohall	8.9	24.6	19.3	41.8	50.4	62.8	69.3	71.0	48.3	40.3	22.7	4.5	38.7
Powers Lake	11.6	25.1	24.1	41.9	49.5	61.4	69.2	71.1	47.8	39.4	24.8	4.4	39.2
Williston WSO AP	15.2	30.9	28.3	47.4	54.5	63.4	73.0	73.7	50.2	41.0	27.2	5.5	42.5
NORTHWEST DISTRICT (1)	12.6	26.7	23.6	43.4	52.0	63.0	70.8	72.0	49.4	40.7	25.3	5.4	40.4
Bottineau	M	23.4	21.0	42.8	50.5	63.6	68.8	71.1	49.6	40.6	23.3	2.9	39.0
Drake	12.3	25.3	22.7	44.0	54.2	64.5	71.9	72.9	52.1	44.0	27.1	7.1	41.5
Granville	13.0	25.7	22.2	42.8	52.7	63.6	70.2	71.8	50.0	41.1	25.2	5.7	40.3
Leeds	8.3	23.2	19.1	42.4	50.8	62.6	68.0	69.9	49.9	41.7	23.5	3.6	38.6
Rolla	8.5	23.9	18.2	41.7	48.4	61.1	67.1	69.3	48.5	39.5	21.5	1.8	37.5
Rugby	10.7	23.8	21.8	42.6	M	61.9	68.4	72.3	51.9	43.4	26.1	6.2	40.0
Upham	8.4	24.1	20.8	43.5	52.5	62.8	68.9	72.4	50.4	40.7	23.8	3.8	39.3
Westhope	11.9	26.3	23.4	44.4	53.0	63.2	69.1	72.1	51.2	42.2	24.8	4.5	40.5
Willow City	8.4	23.2	20.7	44.7	51.6	63.1	70.3	70.9	48.6	40.9	23.4	3.3	39.1
NORTH CENTRAL DISTRICT (2	10.1	24.2	20.7	43.0	51.4	62.7	69.0	71.0	49.9	41.4	24.4	4.4	39.4
Devils Lake	8.5	23.8	21.7	43.4	52.4	63.9	69.7	71.5	50.9	43.4	24.7	6.9	40.1
Edmore	8.1	22.9	21.2	42.8	M	62.8	67.0	69.0	50.6	42.2	24.6	3.2	38.9
Grafton	10.5	25.0	23.7	45.7	55.1	66.3	68.3	72.0	53.2	46.2	27.9	7.4	41.8
Grand Forks FAA AP	M	23.0	21.6	44.9	53.5	64.6	68.9	70.4	52.5	46.2	27.6	7.9	40.8
Hannah	7.3	21.5	20.0	42.3	49.6	62.0	66.0	71.2	49.7	42.5	24.1	1.8	38.2
Langdon Exp. Farm	5.9	21.4	18.5	41.8	48.4	60.8	66.3	M	48.6	41.5	22.5	1.9	37.4
Park River	11.8	25.8	23.8	45.6	M	M	M	M	55.6	M	27.5	7.0	41.2
Pembina	4.2	19.1	17.9	43.8	50.2	63.0	65.8	68.1	49.3	41.6	21.4	.6	37.1
Petersburg	5.9	20.7	17.5	41.8	49.7	61.3	67.1	69.4	49.6	42.9	24.1	4.8	37.9
NORTHEAST DISTRICT (3)	8.4	23.1	20.9	43.9	51.9	63.5	67.9	70.6	51.7	43.7	25.3	4.9	39.7
Beulah	13.5	27.2	23.9	41.0	50.2	61.6	68.9	71.4	50.3	42.5	26.9	7.2	40.4
Center	15.2	29.0	25.2	42.7	51.5	62.9	68.7	72.1	51.6	43.7	27.9	9.5	41.7
Dunn Center	16.5	30.4	26.2	43.4	52.4	63.1	71.2	72.0	51.8	43.2	29.3	9.3	42.4
Garrison	12.0	25.3	23.4	43.2	52.5	63.9	70.8	72.3	49.5	M	M	M	41.0
Turtle Lake	13.4	25.9	23.6	42.6	53.0	63.0	M	M	50.4	43.7	26.3	7.4	41.2
Watford City	20.2	32.8	29.9	45.5	55.3	65.0	74.9	75.3	52.1	44.5	31.2	M	44.6
WEST CENTRAL DISTRICT (4)	15.5	28.9	25.6	43.6	53.0	63.6	71.5	73.1	51.5	43.2	28.4	7.6	42.1
Carrington	10.3	25.2	20.5	42.9	51.9	63.6	69.9	71.3	51.5	44.0	26.4	7.4	40.4
Hurdsfield	9.5	21.8	19.8	40.9	49.9	60.7	68.6	70.1	50.1	42.4	25.5	6.4	38.8
Jamestown FAA Airport	M	24.7	22.1	43.6	53.7	64.6	71.1	73.0	53.4	46.1	28.4	9.9	41.8
McHenry	7.8	22.8	19.5	M	M	62.5	68.5	70.8	51.2	42.8	25.0	5.8	39.3
Pettibone	9.1	21.9	20.4	42.0	51.6	62.0	70.9	72.2	52.6	44.6	28.2	7.7	40.3
Tuttle	11.5	22.5	22.2	43.0	51.6	62.9	70.4	71.9	51.4	43.6	27.1	7.7	40.5
CENTRAL DISTRICT (5)	10.8	24.1	21.7	42.7	52.3	63.3	70.1	71.6	52.1	44.0	27.0	8.0	40.6
Colgate	9.9	M	21.4	43.9	54.3	65.1	70.8	72.4	54.7	45.8	27.6	8.0	41.5
Cooperstown	10.6	25.0	22.6	44.3	54.3	65.5	70.6	72.6	54.1	45.6	28.3	8.4	41.8
Fargo WSO AP	9.7	24.9	23.4	45.6	54.2	65.8	70.6	73.3	54.4	47.4	29.7	9.6	42.4
Hillsboro	7.7	22.8	M	M	M	M	M	73.9	55.7	47.9	28.3	10.0	41.7
Mayville	6.7	22.4	20.2	42.6	55.7	66.3	70.5	71.9	54.1	46.2	27.8	8.0	41.0
Sharon	8.8	23.3	21.7	43.5	53.5	63.2	69.0	71.3	53.1	45.4	27.3	6.6	40.6
Valley City	9.2	23.3	20.4	42.3	51.7	63.3	67.8	70.0	51.5	44.9	26.6	7.8	39.9
EAST CENTRAL DISTRICT (6)	8.9	23.6	21.6	43.7	54.1	65.0	70.0	72.4	54.1	46.3	28.0	8.4	41.3
Amidon	20.0	31.7	29.0	43.2	52.7	62.4	M	72.6	51.7	42.1	29.7	9.9	43.0
Bowman (Courthouse)	20.9	31.5	28.4	42.1	51.6	62.1	70.8	72.4	51.5	41.7	29.8	10.9	42.8
Dickinson Exp. Station	16.2	30.0	25.7	45.1	50.5	M	69.2	70.6	49.6	40.8	27.9	7.3	41.3
Fairfield	17.4	30.5	25.9	M	51.9	61.5	71.6	72.3	50.6	M	29.6	6.1	42.0
Hettinger	19.9	30.7	27.5	42.5	51.9	62.0	70.2	72.8	52.2	42.7	29.9	9.9	42.7
Medora	22.9	33.9	30.5	44.8	54.8	65.4	74.0	75.3	53.4	43.9	31.7	11.7	45.2
Mott	17.9	31.5	27.2	42.4	51.9	62.7	70.7	72.6	51.9	42.8	29.3	8.7	42.5
Richardton (Abbey)	19.2	31.6	27.6	43.2	53.8	64.2	72.1	73.3	52.3	43.8	30.1	9.8	43.4
SOUTHWEST DISTRICT (7)	19.7	31.8	28.1	43.4	52.7	62.7	71.0	72.7	51.7	42.8	30.0	9.6	43.0
Bismarck WFSO AP	15.5	28.0	25.4	41.7	51.9	63.1	70.1	71.6	52.6	45.5	30.3	8.6	42.0
Carson	15.8	29.1	26.1	42.2	52.0	62.0	69.4	71.6	51.5	43.2	29.3	7.8	41.7
Fort Yates	20.0	M	M	M	57.3	68.4	76.5	77.4	58.0	49.8	34.1	13.9	46.1
Moffit	15.0	27.7	24.8	43.3	53.7	64.6	M	73.4	54.1	46.4	31.1	11.1	43.1
New Salem	17.4	30.5	26.6	42.8	54.2	64.0	71.2	73.5	53.0	44.1	28.7	7.5	42.8
Wilton	13.1	26.5	23.2	42.2	51.3	62.0	M	71.0	M	41.7	26.8	7.3	40.8
SOUTH CENTRAL DISTRICT (8)	16.5	29.2	26.1	42.9	53.4	63.9	71.6	73.0	53.3	45.0	30.0	9.4	42.9
Ashley	14.9	28.6	24.9	43.8	54.9	63.2	70.8	71.4	51.3	45.2	29.5	9.0	42.3
Ellendale	14.3	27.9	24.5	43.7	54.8	65.0	71.2	72.8	54.7	47.5	30.7	11.7	43.2
Forman	10.3	25.6	22.0	44.5	53.2	65.4	71.3	73.1	53.8	46.8	30.4	11.5	42.3
Fullerton	13.7	27.1	24.2	45.5	55.3	66.5	71.6	71.7	55.7	47.5	30.5	11.2	43.4
Hankinson	10.9	25.7	21.1	44.9	54.4	66.5	71.3	72.7	54.5	47.7	30.1	11.9	42.6
Lisbon	12.9	26.9	24.0	45.2	53.8	64.9	70.4	71.3	54.2	46.6	29.2	10.5	42.5
McLeod	10.9	25.2	23.3	45.0	55.3	66.3	70.9	72.9	56.0	49.1	32.5	10.6	43.2
Napoleon	11.7	26.5	23.0	42.8	52.5	64.1	70.4	72.3	52.1	44.7	29.3	8.6	41.5
Wahpeton	10.5	25.1	23.8	45.6	56.9	67.2	71.5	72.9	55.7	48.4	31.5	12.0	43.4
Wishek	12.6	26.1	22.5	41.7	51.3	62.5	68.4	70.1	51.0	44.3	28.4	9.7	40.7
SOUTHEAST DISTRICT (9)	11.8	26.2	23.2	44.2	54.3	65.2	70.8	72.0	53.7	46.8	30.0	10.7	42.4
STATE	12.7	26.4	23.5	43.4	52.8	63.7	70.3	72.0	51.9	43.8	27.6	7.6	41.3

Underlined figures are partially estimated. M - Missing. T - Trace. 1/ Preliminary data. Source: Environmental Data and Information Service.

WEATHER DATA CONT.

MONTHLY PRECIPITATION BY STATIONS AND CROP REPORTING DISTRICTS, NORTH DAKOTA, 1984 1/
(Inches)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	.55	.06	.55	.66	.85	2.47	.18	.61	1.55	1.36	.43	.29	9.56
Foxholm	.62	.15	.25	3.63	.15	1.63	.69	.46	1.78	6.60	1.35	.27	17.58
Grenora	M	M	M	M	1.03	2.77	.15	.52	1.37	.38	.18	.32	11.23
Kenmare	.81	.20	.81	1.37	.27	2.15	1.05	.35	2.68	4.10	.74	.21	14.74
Minot Exp. Station	.89	.24	.97	5.14	.13	2.98	.51	.96	1.24	2.67	.89	.66	17.28
Mohall	.58	.45	.97	3.87	.47	2.53	1.43	.52	2.36	7.78	.77	.43	22.16
Powers Lake	.72	.11	.72	2.36	.35	2.85	.55	1.86	2.64	2.46	.80	.52	15.94
Stanley	.53	.13	.15	2.31	.42	1.42	1.40	1.83	3.29	1.68	.62	.10	13.88
Williston WSO	.81	.12	.90	1.48	.47	1.87	.93	.65	2.24	.49	.33	.27	10.56
NORTHWEST DISTRICT (1)	.64	.16	.70	3.01	.47	2.25	.66	.83	1.98	2.24	.62	.32	13.88
Bottineau	M	.25	.47	3.99	.69	1.79	.65	1.01	1.47	2.90	1.18	.47	15.37
Drake	.35	.16	1.00	3.02	.18	2.75	1.63	.45	.66	2.08	.83	.30	13.41
Granville	.15	.08	.35	3.25	.46	3.11	.50	1.50	1.28	2.59	.56	M	14.26
Leeds	.88	.33	1.09	3.65	.31	2.60	2.99	.98	.89	2.91	.86	.20	17.69
Rolla	.24	.41	.86	3.43	.38	3.16	1.28	.71	1.19	4.09	1.00	.44	17.19
Rugby	M	M	.25	4.28	M	2.54	.53	.24	.50	3.17	.10	.80	13.51
Upham	.50	.16	.57	4.20	.18	2.48	1.45	.38	1.06	3.79	1.55	.66	16.98
Westhope	.31	.07	.37	3.72	.21	1.22	.92	.11	1.85	4.36	.73	.09	13.96
Willow City	.59	.19	.92	2.18	.30	2.74	1.07	.43	.45	2.66	1.14	.57	11.24
NORTH CENTRAL DISTRICT (2)	.50	.24	.87	3.78	.36	2.69	1.08	.61	1.25	3.13	1.08	.43	16.02
Devils Lake	.64	.30	.49	1.88	.32	4.14	1.50	.22	.83	3.14	.89	.81	15.16
Edmore	.20	.26	.29	1.66	M	2.93	2.57	.59	.51	2.87	.51	.44	13.43
Grafton	.24	.57	.44	2.32	.73	3.71	1.94	1.21	.40	4.37	1.33	.43	17.69
Grand Forks FAA AP	.56	.50	.59	1.83	.82	5.98	1.96	3.64	.33	4.24	.25	1.23	21.93
Hannah	T	T	M	1.74	.70	2.36	3.15	.50	.62	3.83	.94	M	14.94
Langdon Exp. Farm	.07	.12	.25	1.77	.79	3.39	3.31	M	.77	3.67	.58	.61	16.60
Park River	.32	.51	.49	1.96	M	M	M	M	.29	M	.43	.82	16.27
Pembina	.18	.32	.17	2.49	.51	4.79	2.31	1.83	.10	4.24	.37	.49	17.80
Petersburg	1.21	.75	1.17	1.86	.55	3.23	3.12	.66	.70	3.57	.42	1.18	18.42
NORTHEAST DISTRICT (3)	.37	.40	.43	1.97	.60	3.64	2.19	1.27	.53	3.75	.62	.67	16.44
Butte	.77	.23	1.39	4.82	.49	2.01	.93	.44	.92	2.60	.63	.27	15.50
Center	M	.40	.54	3.72	.05	3.21	1.75	.71	.57	1.71	.35	M	13.98
Dunn Center	.14	.11	.58	4.39	.21	4.43	.02	3.02	.59	1.06	.12	.32	14.99
Garrison	.72	.06	1.00	4.17	.27	2.90	1.06	2.87	.87	M	M	M	16.21
Max	.91	.13	1.15	4.69	.27	3.85	.31	1.97	1.15	2.28	.83	.45	17.89
Turtle Lake	.93	.23	1.70	3.15	.39	3.05	M	M	.99	2.37	.40	M	15.71
Washburn	.70	.09	1.37	5.03	.33	4.28	.55	.42	.67	1.66	.47	.25	15.82
WEST CENTRAL DISTRICT (4)	.61	.19	1.02	3.69	.25	3.67	.60	1.54	.98	1.56	.37	.36	14.84
Carrington	.86	.32	1.98	2.12	.71	3.24	1.39	1.37	.44	2.06	.27	.50	15.26
Hurdsfield	.59	.42	1.20	3.15	.15	5.59	.20	1.79	.63	2.27	.38	.40	16.77
Jamestown FAA Airport	.71	.19	1.01	2.83	.49	2.96	1.53	.26	.62	1.99	.28	.46	13.33
McHenry	.47	.40	.81	M	M	3.02	1.20	.77	.51	3.59	.51	.74	15.68
Pettibone	.55	.40	1.39	3.41	.53	3.84	1.95	1.32	.83	2.81	.33	.80	18.16
Tuttle	.67	.28	1.25	2.71	.50	4.16	.29	.92	.69	2.17	.59	.46	14.69
CENTRAL DISTRICT (5)	.68	.30	1.18	3.10	.56	3.42	1.16	1.09	.72	2.61	.45	.56	15.83
Colgate	.89	M	.90	2.43	.38	3.42	1.34	.72	.69	3.39	.15	.47	15.41
Cooperstown	.94	.23	1.36	2.28	.55	3.44	1.42	1.17	.77	3.49	.41	.65	16.71
Fargo WSO	.79	.90	1.12	1.68	.61	5.38	.64	.18	1.23	6.76	.18	.90	20.37
Hillsboro	.43	.91	M	M	M	M	M	.61	.94	4.52	.10	.31	16.72
Mayville	.79	.90	.65	2.25	.41	4.24	.80	1.18	.63	4.61	.05	.70	17.21
Sharon	.54	.37	.73	2.20	.58	3.26	1.97	.76	.97	3.74	.24	.84	16.20
Valley City	.76	.48	.88	2.36	.88	2.35	1.91	.36	.86	3.83	.26	.36	15.29
EAST CENTRAL DISTRICT (6)	.73	.63	.95	2.20	.65	3.81	1.29	.65	.96	4.48	.20	.62	17.17
Amidon	.12	.11	.49	1.74	.07	5.52	M	1.71	.65	.90	.07	.31	12.34
Bowman	.28	.20	.65	1.76	.39	4.12	.61	1.02	.70	1.16	.10	.48	11.47
Dickinson Exp. Station	.18	.11	1.02	2.90	.05	M	.66	2.92	.91	1.19	.09	.55	14.94
Fairfield	.27	.23	.40	4.32	.16	3.90	.50	1.30	.73	.58	.11	.21	12.71
Hettinger	T	.12	.30	2.95	.14	4.13	.48	1.27	1.03	.53	.28	.42	11.65
Medora	.34	.04	.61	1.34	.10	2.40	.43	2.44	.69	.57	.11	.31	9.38
Mott	.05	.01	.42	3.30	.25	6.05	1.49	2.46	1.20	1.07	.27	.47	17.04
Richardton (Abbey)	.62	.14	1.17	4.60	.12	4.39	.67	.93	1.14	2.21	.46	.58	17.03
SOUTHWEST DISTRICT (7)	.26	.12	.64	2.72	.16	4.36	.65	2.00	.89	1.02	.18	.37	13.36
Bismarck WFSO AP	.38	.31	1.65	3.65	.28	3.58	.81	.87	.94	.99	.73	.58	14.77
Carson	.14	.06	.94	2.69	.35	4.55	.46	2.10	1.15	.49	.57	.26	13.76
Fort Yates	.05	M	M	M	.82	5.29	.70	3.60	1.53	.35	.25	.16	17.68
Moffit	.31	.18	1.23	3.23	.53	7.14	.43	1.50	.90	1.29	.32	.10	17.16
New Salem	.51	.11	1.57	3.91	.18	3.33	.64	.80	.78	1.33	.54	.40	14.10
Pretty Rock	.06	.14	.84	3.44	.24	6.25	.07	2.93	1.32	.30	.47	.35	16.41
Wilton	.58	.30	1.23	4.48	.16	3.72	.60	.70	.51	1.45	.66	.37	14.76
SOUTH CENTRAL DISTRICT (8)	.30	.17	1.25	3.51	.39	5.10	.59	1.54	.98	.88	.47	.35	15.53
Ashley	.45	.29	1.39	2.88	1.57	6.01	1.48	1.87	.75	2.48	.14	.09	19.40
Ellendale	.68	.21	1.20	3.80	1.25	5.98	2.03	2.65	1.68	3.34	.05	.19	23.06
Forman	.53	1.44	2.06	2.39	.94	5.14	1.64	1.55	.97	4.48	.05	.32	21.51
Fullerton	.78	.69	1.85	2.99	.74	4.62	2.20	1.03	1.12	3.76	.17	.28	20.23
Hankinson	.68	1.33	1.47	2.65	1.08	5.69	1.80	4.18	1.28	5.42	.06	.68	26.32
Lisbon	.86	.72	1.11	2.63	1.38	3.46	1.45	.61	1.60	4.63	.15	.29	18.89
McLeod	.39	1.08	1.22	2.00	.97	4.43	1.70	.94	.92	6.52	.10	.81	21.08
Napoleon	.44	.55	1.78	3.44	.60	4.95	2.42	2.66	1.37	2.95	.33	.33	21.82
Wahpeton	.35	.93	.93	2.60	1.05	5.91	1.34	1.59	1.69	5.44	.03	.59	22.45
Wishek	.30	M	M	4.10	.54	6.25	1.42	2.30	.85	2.45	M	M	20.90
SOUTHEAST DISTRICT (9)	.63	.71	1.48	2.92	1.06	5.18	1.74	1.69	1.21	4.01	.12	.38	21.13
STATE	.52	.32	.95	2.99	.50	3.79	1.11	1.25	1.06	2.63	.46	.45	16.02

Underlined figures are partially estimated. M - Missing. T - Trace. 1/ Preliminary data. Source: Environmental Data and Information Service.

WEATHER DATA CONT.

LONG-TERM MEAN TEMPERATURES BY MONTHS AND STATIONS,
North Dakota, 1951-80 (Degrees F)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	5.0	12.8	23.6	40.8	53.9	62.9	68.7	66.9	56.1	44.7	26.5	13.5	39.6
Foxholm	6.0	13.4	24.1	41.2	54.4	63.5	69.2	67.5	56.8	46.0	28.1	14.5	40.4
Grenora	6.2	14.3	24.8	41.2	53.9	62.9	68.8	67.1	56.2	45.3	27.3	14.7	40.2
Kenmare	4.1	11.4	21.8	39.1	52.7	62.1	68.0	65.8	54.6	43.6	26.3	13.2	38.6
Minot Exp. Station	4.5	11.6	22.5	40.2	53.5	63.0	68.6	66.9	55.7	44.5	26.6	13.3	39.2
Mohall	2.7	10.3	21.8	40.1	53.1	62.6	68.0	66.1	55.0	43.7	26.1	12.0	38.5
Parshall	5.8	13.2	24.4	41.1	53.9	63.0	68.9	67.2	56.2	45.1	27.2	14.3	40.0
Powers Lake	2.4	10.1	20.7	38.3	51.4	60.8	66.6	65.0	53.8	42.5	24.6	11.7	37.3
Williston WSO	6.6	14.6	25.3	41.8	54.5	63.8	70.0	68.1	56.6	45.1	27.6	14.9	40.8
NORTHWEST DISTRICT (1)	5.1	12.3	23.0	40.3	53.3	62.5	68.4	66.5	55.4	44.4	26.5	13.5	39.3
Bottineau	-.2	7.4	19.3	38.9	52.7	62.1	67.4	65.7	54.2	42.9	23.9	9.0	36.9
Drake	3.7	10.6	21.9	40.0	53.7	63.2	69.0	67.2	55.8	44.8	26.5	12.7	39.1
Granville	4.6	12.3	23.6	41.3	54.3	63.5	69.4	67.7	56.7	45.6	27.6	13.3	40.0
Leeds	2.1	9.4	21.4	40.2	53.6	63.4	68.4	66.4	55.4	44.2	25.9	10.9	38.4
Rolla	1.8	9.2	20.1	38.2	52.0	61.4	66.7	64.8	53.7	43.1	24.7	10.2	37.2
Rugby	3.9	11.2	23.0	41.7	55.4	65.0	70.2	68.4	57.1	46.0	27.2	12.6	40.1
Upham	1.5	9.1	21.0	40.4	53.9	63.2	68.4	66.4	55.2	43.8	25.5	10.4	38.2
Westhope	1.5	9.2	21.2	40.2	53.8	62.8	67.8	66.1	55.0	43.9	25.0	10.4	38.1
Willow City	.0	7.5	19.7	39.3	52.7	62.3	67.5	65.2	54.0	42.8	24.4	9.2	37.1
NORTH CENTRAL DISTRICT (2)	2.7	9.9	21.5	40.0	53.6	62.9	68.2	66.3	55.2	44.2	25.8	11.2	38.5
Devils Lake	2.3	9.7	21.7	40.0	53.9	63.6	69.1	67.1	56.0	44.8	26.4	11.2	38.8
Edmore	.2	7.6	20.0	39.0	52.6	62.0	67.0	65.3	54.5	43.1	24.5	9.2	37.1
Grafton	2.2	9.5	22.3	41.2	55.4	64.5	69.3	67.8	57.4	46.0	26.9	10.7	39.4
Grand Forks FAA AP	2.2	9.3	22.1	40.7	54.4	63.9	68.8	66.9	56.2	44.9	26.5	11.1	38.9
Hannah	-1.1	6.0	18.1	37.6	52.0	61.6	66.0	64.0	53.7	42.7	23.6	7.8	36.0
Langdon Exp. Farm	-.5	7.0	19.2	38.3	52.4	61.7	66.4	64.8	54.3	43.1	24.0	8.3	36.6
Park River	3.8	11.0	23.2	41.4	55.5	65.0	70.2	68.4	58.1	46.8	27.8	12.2	40.3
Pembina	-.9	6.2	19.4	39.6	53.8	63.4	68.3	66.1	55.9	44.6	25.5	8.9	37.6
Petersburg	1.3	8.1	20.3	38.8	52.9	62.4	67.4	65.5	54.5	43.4	25.0	9.7	37.4
NORTHEAST DISTRICT (3)	1.4	8.7	21.1	39.8	53.8	63.3	68.2	66.3	55.7	44.5	25.8	10.2	38.2
Butte	5.8	12.7	23.7	41.2	54.6	64.2	70.0	68.4	57.0	45.8	27.6	14.2	40.4
Center	7.4	14.7	25.2	41.4	54.2	63.4	69.2	67.7	56.4	45.6	28.4	15.8	40.8
Dunn Center	7.4	14.6	23.9	40.2	53.2	62.6	69.0	67.7	56.3	45.2	28.1	15.9	40.3
Garrison	5.3	12.2	23.0	40.3	53.2	62.7	68.9	67.5	56.0	44.8	27.3	14.4	39.6
Max	4.2	11.1	22.0	39.7	52.9	62.5	68.4	66.4	55.0	43.7	26.0	12.8	38.7
Turtle Lake	6.3	13.6	24.8	41.9	55.0	64.4	70.3	68.8	57.5	46.2	28.0	14.8	41.0
Washburn	7.8	15.6	26.3	42.9	55.5	65.0	70.9	69.4	58.2	47.0	29.5	16.2	42.0
WEST CENTRAL DISTRICT (4)	6.9	14.2	24.7	41.3	54.2	63.5	69.6	68.1	56.8	45.6	28.2	15.5	40.7
Carrington	3.9	10.6	21.9	39.4	52.9	62.6	68.1	66.2	55.2	44.5	26.6	12.4	38.7
Fessenden	5.4	12.6	24.4	41.9	55.1	64.4	69.9	68.3	57.6	46.3	28.0	13.8	40.6
Jamestown FAA Airport	5.4	12.6	24.3	41.4	54.3	64.2	69.9	68.2	56.9	45.6	27.7	13.7	40.4
McClusky	5.5	12.7	24.1	41.3	54.8	64.3	70.3	68.7	57.3	45.6	27.4	13.8	40.5
Pettibone	4.3	11.5	23.4	41.2	54.0	63.6	69.6	68.1	57.0	45.3	27.8	13.0	39.9
Steele	6.5	13.9	25.2	42.4	55.4	64.4	70.1	68.6	57.9	46.7	28.6	14.8	41.2
CENTRAL DISTRICT (5)	5.3	12.1	23.8	41.2	54.4	63.9	69.5	67.9	56.8	45.6	27.5	13.4	40.1
Amenia	5.0	12.4	25.5	43.1	56.5	65.6	70.6	69.2	59.0	47.5	29.0	13.2	41.4
Cooperstown	4.0	11.3	24.0	41.7	55.2	64.5	69.9	68.3	57.5	46.2	27.5	12.5	40.2
Fargo WSO	4.3	11.0	24.0	42.1	55.6	65.2	70.6	68.8	57.8	46.3	28.2	12.7	40.5
Hillsboro	4.7	11.7	24.3	42.5	56.3	65.7	70.9	69.0	58.7	47.2	28.6	13.1	41.1
Mayville	4.3	11.3	24.1	42.2	55.8	65.2	70.2	68.6	58.0	46.8	28.2	13.0	40.6
Sharon	2.8	10.2	22.5	40.5	54.1	63.3	68.3	67.1	56.4	45.3	26.3	11.2	39.0
Valley City	4.9	12.2	24.2	41.4	55.0	64.1	69.4	67.5	56.6	45.6	27.8	13.1	40.2
EAST CENTRAL DISTRICT (6)	4.7	11.5	24.1	41.9	55.5	64.8	70.0	68.4	57.7	46.4	27.9	12.7	40.5
Amidon	12.1	18.8	27.0	41.0	53.0	62.4	69.4	68.4	57.0	46.1	30.0	19.6	42.1
Bowman	12.7	19.1	27.7	41.6	53.6	62.9	69.9	68.4	57.1	46.1	30.0	19.9	42.4
Dickinson Exp. Station	9.3	16.2	25.4	40.5	53.0	62.2	68.6	67.4	55.9	45.0	28.3	17.1	40.7
Hettinger	12.6	19.4	27.8	42.3	54.0	63.5	70.2	68.8	57.2	46.4	30.0	19.5	42.6
Medora	12.0	19.8	28.8	42.9	55.0	64.2	70.6	69.2	57.7	46.2	30.1	19.1	43.0
Mott	10.7	18.1	27.2	41.7	53.8	63.0	69.1	67.6	56.5	45.6	28.8	17.9	41.7
Richardton	10.7	17.9	27.2	42.3	54.8	63.9	70.2	69.0	57.9	46.8	29.8	18.5	42.4
SOUTHWEST DISTRICT (7)	11.2	18.3	27.0	41.6	53.7	63.0	69.6	68.2	56.9	45.8	29.3	18.6	41.9
Bismarck WSO	6.7	14.5	26.0	42.5	54.9	64.3	70.4	68.8	57.3	46.1	28.6	15.4	41.3
Carson	8.1	15.4	25.1	41.0	53.9	63.1	69.7	68.2	56.8	45.5	28.5	16.2	41.0
Fort Yates	10.3	17.4	27.6	43.7	56.4	66.0	72.5	70.8	59.8	48.5	31.4	18.6	43.6
Linton	7.9	15.7	27.3	44.0	56.6	65.9	72.2	70.8	59.3	47.5	29.5	16.0	42.7
Mandan Exp. Station	6.7	13.7	25.0	41.6	54.5	64.0	70.1	68.7	57.2	46.1	28.7	15.4	41.0
New Salem	8.0	15.4	25.5	41.4	54.2	63.5	69.9	68.4	57.3	45.9	28.5	16.2	41.2
SOUTH CENTRAL DISTRICT (8)	8.6	15.6	26.2	42.4	55.0	64.4	70.7	69.2	57.9	46.6	29.3	16.5	41.9
Ashley	7.1	13.8	24.9	41.8	54.2	63.8	69.6	68.2	57.5	46.4	28.6	15.2	40.9
Ellendale	8.2	15.4	27.2	43.8	56.3	65.7	71.4	70.1	59.4	47.8	30.0	16.2	42.6
Forman	6.2	13.6	26.0	43.2	56.2	65.8	71.4	69.8	58.6	47.1	29.6	14.7	41.9
Fullerton	7.2	14.7	26.7	43.6	56.3	65.7	71.3	69.8	58.9	47.5	29.6	15.4	42.2
Hankinson	6.4	12.5	24.5	42.0	55.6	65.5	71.1	69.0	57.8	46.8	29.7	14.9	41.3
Lisbon	7.0	13.8	26.3	43.4	56.1	65.4	70.6	69.0	58.5	47.6	29.8	14.8	41.9
McLeod	6.0	13.1	25.9	43.5	56.7	66.0	71.3	69.6	59.1	47.8	29.4	14.4	41.9
Napoleon	6.1	13.0	24.2	41.6	54.6	64.2	70.2	68.7	57.3	46.0	28.1	14.4	40.7
Wahpeton	6.9	13.7	26.3	44.1	57.6	67.0	72.0	70.1	59.7	48.6	30.5	15.4	42.7
Wishek	4.9	11.4	22.8	40.0	53.0	62.7	68.6	66.8	55.8	44.5	27.0	13.7	39.3
SOUTHEAST DISTRICT (9)	6.6	13.3	25.3	42.5	55.5	65.0	70.7	69.0	58.1	46.8	29.0	14.7	41.4
STATE	5.8	12.9	24.1	41.2	54.3	63.7	69.4	67.8	56.7	45.5	27.7	14.0	40.3

Source: Environmental Data and Information Service

WEATHER DATA CONT.

LONG-TERM PRECIPITATION BY MONTHS AND STATIONS,
North Dakota, 1951-80 (Inches)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	.40	.39	.43	1.30	2.00	2.71	2.04	1.99	1.78	.84	.40	.43	14.71
Foxholm	.46	.40	.47	1.54	2.12	3.49	1.99	2.04	1.79	.81	.50	.45	16.06
Grenora	.43	.41	.46	1.28	2.06	2.93	2.12	1.79	1.50	.75	.43	.43	14.59
Kenmare	.53	.48	.60	1.46	2.11	3.10	1.85	1.82	1.83	.81	.41	.44	15.44
Minot Exp. Station	.58	.53	.61	1.90	2.25	3.13	2.18	2.02	1.98	.87	.59	.54	17.18
Mohall	.44	.40	.47	1.35	2.24	3.36	2.22	2.29	1.82	.96	.41	.40	16.36
Parshall	.34	.35	.42	1.39	2.24	3.66	2.16	1.98	2.01	.73	.39	.36	16.03
Powers Lake	.35	.35	.49	1.31	2.07	3.14	2.14	1.96	1.85	.82	.37	.33	15.18
Williston WSO	.55	.50	.57	1.29	1.85	2.68	1.83	1.42	1.37	.74	.50	.55	13.85
NORTHWEST DISTRICT (1)	.47	.44	.53	1.43	2.16	3.13	2.06	1.94	1.79	.90	.45	.45	15.75
Bottineau	.47	.41	.57	1.31	2.15	3.31	2.80	2.87	1.96	.99	.48	.46	17.78
Drake	.42	.35	.66	1.47	2.18	3.39	2.71	2.12	1.86	.93	.55	.45	17.09
Granville	.45	.42	.61	1.55	2.17	3.30	1.95	2.42	1.76	.85	.44	.46	16.38
Leeds	.73	.46	.87	1.43	2.18	3.28	2.47	2.17	1.73	.88	.61	.60	17.41
Rolla	.51	.49	.66	1.20	2.25	3.44	2.82	2.92	1.97	.84	.53	.52	18.15
Rugby	.59	.43	.64	1.29	1.93	3.14	2.56	2.61	1.79	.86	.50	.50	16.84
Upham	.46	.41	.49	1.36	2.11	3.08	2.15	2.41	1.77	.88	.48	.48	16.08
Westhope	.47	.38	.52	1.19	1.96	3.04	2.13	2.31	1.86	.90	.43	.47	15.66
Willow City	.46	.38	.53	1.20	1.84	2.88	2.28	2.50	1.77	.82	.40	.43	15.49
NORTH CENTRAL DISTRICT (2)	.49	.41	.61	1.33	2.11	3.19	2.49	2.51	1.82	.89	.48	.48	16.81
Devils Lake	.55	.45	.76	1.00	2.18	3.32	2.21	2.11	1.88	.88	.63	.55	16.52
Edmore	.45	.30	.48	1.18	2.20	2.95	2.80	2.54	1.88	1.04	.41	.33	16.56
Grafton	.59	.44	.74	1.52	2.19	3.25	2.54	2.56	2.06	1.08	.66	.53	18.16
Grand Forks FAA AP	.76	.51	.77	1.34	1.95	2.89	2.86	2.62	2.04	1.11	.80	.64	18.29
Hannah	.44	.43	.54	1.13	2.27	3.05	2.68	2.91	2.01	1.01	.56	.45	17.48
Langdon Exp. Farm	.59	.42	.72	1.33	2.44	2.97	2.99	3.01	1.97	1.12	.65	.51	18.72
Park River	.52	.36	.66	1.70	2.32	3.40	2.66	2.45	2.02	1.09	.58	.49	18.25
Pembina	.50	.41	.69	1.33	2.42	2.86	2.90	2.65	2.19	1.09	.55	.51	18.10
Petersburg	.59	.36	.78	1.34	2.19	3.34	2.73	2.54	2.06	1.03	.72	.45	18.18
NORTHEAST DISTRICT (3)	.55	.41	.71	1.33	2.24	3.13	2.77	2.65	2.05	1.06	.62	.51	18.03
Butte	.42	.39	.54	1.41	1.96	3.17	2.32	1.96	1.78	.78	.43	.39	15.55
Center	.51	.54	.75	1.64	2.45	3.34	2.64	1.99	1.73	.91	.65	.59	17.74
Dunn Center	.40	.48	.60	1.60	2.35	3.69	2.17	2.05	1.65	.87	.51	.39	16.76
Garrison	.41	.48	.57	1.40	1.89	3.17	2.01	1.78	1.60	.68	.42	.46	14.87
Max	.44	.54	.65	1.70	2.17	3.77	2.44	2.18	1.74	.83	.57	.47	17.50
Turtle Lake	.61	.50	.69	1.64	2.11	3.70	2.31	2.08	1.76	.86	.50	.56	17.32
Wilton	.47	.39	.59	1.55	2.59	3.93	2.66	2.08	1.65	.93	.42	.41	17.67
WEST CENTRAL DISTRICT (4)	.45	.44	.56	1.52	2.26	3.53	2.34	1.91	1.70	.81	.49	.45	16.46
Carrington	.61	.50	.75	1.58	2.49	3.77	2.54	2.12	1.69	.98	.63	.51	18.18
Fessenden	.61	.54	.74	1.48	2.49	3.49	2.50	2.24	1.76	1.00	.56	.57	17.98
Jamestown FAA Airport	.60	.58	.79	1.52	2.32	3.59	3.02	2.12	1.61	.94	.52	.51	18 12
McClusky	.55	.46	.67	1.61	2.16	3.99	2.35	2.03	1.64	.86	.52	.57	17.41
Pettibone	.41	.35	.59	1.48	2.37	3.44	2.52	2.03	1.72	.96	.44	.38	16.69
Tuttle	.46	.35	.62	1.48	2.65	3.70	2.30	1.91	1.77	.79	.42	.38	16.83
CENTRAL DISTRICT (5)	.49	.43	.64	1.51	2.38	3.62	2.63	2.15	1.72	.96	.51	.46	17.50
Colgate	.40	.27	.60	1.50	2.26	3.24	2.64	2.64	2.00	1.12	.51	.40	17.58
Cooperstown	.51	.37	.70	1.48	2.37	3.57	3.05	2.60	2.23	1.15	.71	.54	19.28
Fargo WSO	.55	.42	.83	1.90	2.2[illegible]	3.06	3.34	2.67	1.87	1.29	.79	.63	19.59
Hillsboro	.43	.39	.75	1.71	2.21	3.73	3.22	2.68	2.16	1.36	.65	.53	19.82
Mayville	.65	.50	.82	1.54	2.24	3.46	2.48	2.57	2.12	1.25	.68	.65	18.96
Sharon	.55	.42	.83	1.64	2.54	3.43	2.93	2.55	2.40	1.17	.71	.52	19.69
Valley City	.49	.44	.71	1.61	2.35	3.52	2.74	2.36	1.95	1.07	.64	.55	18.43
EAST CENTRAL DISTRICT (6)	.51	.40	.76	1.69	2.37	3.48	2.94	2.58	2.10	1.23	.68	.55	19.29
Amidon	.37	.37	.54	1.53	2.54	3.85	2.23	1.49	1.41	.74	.42	.39	15.88
Bowman	.33	.42	.52	1.47	2.43	3.68	2.11	1.63	1.41	.76	.42	.35	15.53
Dickinson Exp. Station	.34	.40	.57	1.73	2.53	3.69	2.08	1.86	1.51	.85	.45	.34	16.35
Fairfield	.34	.35	.48	1.44	2.45	3.60	1.99	1.84	1.64	.77	.46	.31	15.67
Hettinger	.31	.33	.49	1.68	2.76	3.64	2.04	1.77	1.43	.85	.42	.27	15.99
Medora	.43	.42	.57	1.41	2.40	3.53	1.96	1.45	1.42	.75	.50	.38	15.22
Mott	.39	.40	.57	1.65	2.55	3.80	1.99	1.80	1.42	.70	.46	.36	16.09
Richardton	.47	.54	.76	1.81	2.77	3.78	2.35	1.81	1.55	.81	.56	.45	17.66
SOUTHWEST DISTRICT (7)	.39	.43	.58	1.54	2.48	3.62	2.09	1.69	1.46	.84	.48	.38	15.98
Bismarck WSO	.51	.45	.70	1.51	2.23	3.01	2.05	1.69	1.38	.81	.51	.51	15.36
Carson	.33	.40	.60	1.85	2.68	3.62	2.39	1.89	1.38	.84	.43	.36	16.77
Fort Yates	.33	.36	.58	1.55	2.32	2.80	1.73	1.61	1.33	.83	.34	.33	14.11
Linton	.51	.45	.79	1.85	2.57	3.56	2.33	1.67	1.53	.91	.55	.53	17.25
New Salem	.47	.48	.72	1.70	2.34	3.62	2.20	2.18	1.48	.84	.52	.47	17.02
Shields	.33	.34	.66	1.70	2.39	3.16	2.05	1.94	1.32	.83	.43	.31	15.46
SOUTH CENTRAL DISTRICT (8)	.41	.40	.61	1.64	2.46	3.47	2.18	1.89	1.46	.83	.46	.40	16.21
Ashley	.37	.38	.70	1.51	2.69	3.61	2.51	2.24	1.54	.95	.41	.36	17.27
Ellendale	.45	.52	.69	2.14	3.04	4.01	2.50	2.28	1.89	1.14	.57	.43	19.66
Forman	.55	.51	.87	2.03	2.76	3.78	2.77	2.59	1.82	1.06	.74	.69	19.97
Fullerton	.62	.60	.96	2.29	2.95	3.86	2.54	2.56	1.88	1.20	.76	.53	20.83
Hankinson R.R. Station	.55	.57	.78	2.05	2.62	4.03	2.74	2.59	1.96	1.19	.71	.57	20.36
Lisbon	.47	.47	.77	1.98	2.60	3.71	2.77	2.98	1.83	1.19	.69	.59	20.05
McLeod	.46	.42	.73	1.54	2.40	3.44	3.00	3.01	1.82	1.17	.77	.49	19.25
Napoleon	.45	.39	.76	1.55	2.57	3.19	2.83	2.06	1.73	.93	.53	.43	17.42
Wahpeton	.62	.47	.79	2.14	2.88	4.09	3.21	2.88	2.00	1.25	.77	.62	21.72
Wishek	.46	.46	.78	1.73	2.64	3.53	2.62	2.14	1.48	.88	.66	.45	17.61
SOUTHEAST DISTRICT (9)	.48	.49	.79	1.93	2.70	3.75	2.74	2.52	1.83	1.11	.62	.48	19.44
STATE	.47	.43	.64	1.55	2.35	3.44	2.47	2.20	1.77	.96	.53	.46	17.27

Source: Environmental Data and Information Service

WEATHER DATA CONT.

LENGTH OF GROWING SEASON, SELECTED STATIONS, NORTH DAKOTA, AT TEMPERATURES OF 28°F AND 32°F OR ABOVE

Station	County	Average Date of Last Spring Frost		Average Date of First Frost in Fall		Average Number of Days in Growing Season		Number of Years in Average
		28°	32°	32°	28°	32°	28°	
		(Date)	(Date)	(Date)	(Date)	(Days)	(Days)	(Years)
Northwest District								
Crosby	Divide	May 10	May 18	Sept. 16	Sept. 23	120	137	63
Minot Exp.	Ward	May 12	May 20	Sept. 17	Sept. 26	119	137	69
Mohall	Renville	May 11	May 18	Sept. 16	Sept. 23	122	135	44
Parshall	Mountrail	May 15	May 21	Sept. 12	Sept. 18	114	126	59
Powers Lake	Burke	May 15	May 23	Sept. 11	Sept. 23	111	133	41
Williston	Williams	May 4	May 13	Sept. 22	Sept. 28	132	146	78
North Central District								
Bottineau	Bottineau	May 15	May 21	Sept. 15	Sept. 23	116	130	70
Granville	McHenry	May 13	May 19	Sept. 15	Sept. 25	119	134	65
Maddock	Benson	May 15	May 23	Sept. 13	Sept. 21	113	129	53
Towner	McHenry	May 14	May 21	Sept. 12	Sept. 21	114	129	54
Northeast District								
Grafton	Walsh	May 9	May 18	Sept. 19	Sept. 25	123	139	70
Grand Forks	Grand Forks	May 6	May 16	Sept. 23	Sept. 29	130	146	66
Hansboro	Towner	May 17	May 27	Sept. 11	Sept. 18	106	124	65
Langdon Exp.	Cavalier	May 17	May 28	Sept. 13	Sept. 21	109	126	69
Pembina	Pembina	May 12	May 21	Sept. 17	Sept. 25	119	135	70
West Central District								
Dunn Center	Dunn	May 12	May 17	Sept. 18	Sept. 27	122	137	50
Garrison	McLean	May 8	May 18	Sept. 19	Sept. 25	124	139	62
Washburn	McLean	May 6	May 13	Sept. 24	Oct. 1	137	148	26
Watford City	McKenzie	May 7	May 13	Sept. 19	Sept. 27	127	141	34
Central District								
Fessenden	Wells	May 8	May 17	Sept. 18	Sept. 26	123	140	40
Jamestown	Stutsman	May 5	May 15	Sept. 20	Sept. 29	128	146	73
McClusky	Sheridan	May 11	May 20	Sept. 18	Sept. 26	120	137	54
Pettibone	Kidder	May 13	May 22	Sept. 12	Sept. 17	111	124	46
East Central District								
Amenia	Cass	May 6	May 15	Sept. 23	Sept. 28	130	144	73
Cooperstown	Griggs	May 11	May 21	Sept. 19	Sept. 26	121	138	49
Fargo	Cass	May 4	May 12	Sept. 26	Oct. 2	137	151	66
Mayville	Traill	May 8	May 17	Sept. 24	Oct. 2	129	147	57
Southwest District								
Beach	Golden Valley	May 12	May 20	Sept. 18	Sept. 27	121	138	58
Bowman	Bowman	May 6	May 14	Sept. 21	Sept. 30	130	146	52
Dickinson Exp.	Stark	May 12	May 19	Sept. 14	Sept. 22	117	132	72
Hettinger	Adams	May 11	May 18	Sept. 20	Sept. 27	124	137	36
Marmarth	Slope	May 11	May 16	Sept. 15	Sept. 23	122	136	43
South Central District								
Carson #2	Grant	May 11	May 19	Sept. 15	Sept. 24	119	135	59
Mandan Exp.	Morton	May 7	May 12	Sept. 23	Sept. 28	133	144	59
Southeast District								
Edgeley Exp.	LaMoure	May 11	May 18	Sept. 19	Sept. 28	123	139	66
Lisbon	Ransom	May 10	May 19	Sept. 20	Sept. 27	123	139	64
McLeod	Ransom	May 9	May 15	Sept. 22	Sept. 29	129	143	62
Napoleon	Logan	May 14	May 21	Sept. 16	Sept. 23	118	132	72
Oakes	Dickey	May 5	May 13	Sept. 23	Oct. 1	133	149	46
Wahpeton	Richland	May 4	May 13	Sept. 25	Oct. 3	136	151	65

PLANTING AND HARVEST PROGRESS

PERCENT OF ACREAGE PLANTED AND HARVESTED BY SPECIFIED DATES, NORTH DAKOTA, 1984 AND 5-YEAR AVERAGE (1980-84)

Crop	Year	Percent Planted by Specified Dates						
		April			May			June
		10	20	30	10	20	30	10
Durum Wheat	1984		2	8	26	70	96	
	Average	1	4	18	42	67	91	99
Other Spring Wheat	1984		4	15	39	83	98	
	Average	2	10	29	56	77	93	99
Oats	1984		3	12	31	77	97	
	Average	1	7	26	50	74	92	98
Barley	1984		2	14	47	88	99	
	Average	1	7	25	56	79	92	98
Flax	1984			1	4	25	71	90
	Average		1/	3	9	25	57	83
Corn	1984			1	8	42	78	95
	Average		1/	2	11	38	68	89
Soybeans	1984				2	24	83	
	Average			1/	6	38	77	95
Beans, Dry	1984				1/	14	67	90
	Average			1/	2	21	64	94
Potatoes	1984			6	24	64	94	
	Average			5	22	57	87	98
Sunflower	1984				1	12	56	84
	Average		1/	1/	3	16	50	83
Sugarbeets	1984		5	22	73			
	Average			50	87	97		

Crop	Year	Percent Harvested by Specified Dates										
		July	August			September			October			Nov.
		30	10	20	30	10	20	30	10	20	30	10
Durum Wheat	1984	1	8	46	86	99						
	Average	1	10	37	64	86	93	97	99			
Other Spring Wheat	1984	1	15	60	90							
	Average	3	20	53	76	92	96	98				
Winter Wheat	1984	22	79	99								
	Average	24	71	93	99							
Oats	1984	3	25	67	93							
	Average	5	32	63	83	95	98	99				
Barley	1984	9	46	85								
	Average	10	43	73	88	95	98	98				
Flax	1984			7	33	68	87	96				
	Average			7	22	46	63	77	85	89	94	97
Rye	1984	19	75	99								
	Average	24	74	95	99							
Corn for Grain	1984						1	13	35	55	79	97
	Average					1/	2	12	31	48	72	91
Soybeans	1984					2	20	49	82	92	93	
	Average					2	8	30	56	71	87	98
Beans, Dry	1984				14	55	84	98				
	Average			1/	5	24	45	68	85	91	96	
Potatoes	1984			3	5	24	62	87	96			
	Average			1	3	14	39	67	85	93	98	
Sunflower	1984						1	3	20	37	62	93
	Average						1	5	18	38	61	86
Sugarbeets	1984					1	7	13	37	48	87	
	Average					1/	4	11	36	65	93	

1/ Less than one-half of one percent.

CROPS

NORTH DAKOTA CROP SUMMARY, 1984

The Season in Review

The 1984 season was nearly ideal for small grains, but relatively poor for the late-season crops. Record or near record state yields were established for small grains, while late-season crops suffered from an extended drought late in the season. The average date for beginning fieldwork was April 18, slightly later than normal.

Spring seeding was uncomplicated thanks to fairly open weather. Subsoil moisture was adequate or better for 76 percent of the State when seeding got underway, but dry weather prevailed and was a concern until mid-June.

Seeding of small grains progressed rapidly and was virtually complete by May 27th, almost two weeks ahead of normal. Planting of later crops was not completed until June 17th as sunflower planting was delayed by heavy rains the second week of June. This was the only general, statewide rain received during the 1984 crop season.

The moisture situation took a turn for the worse after this and the period of July to mid-September was one of the driest ever, statewide. By August 12th, 94 percent of the State was again short or very short of topsoil moisture. These droughty conditions reduced yield for probably all crops, but the small grains were physiologically mature enough to escape much loss.

The excellent yields for the 1984 small grain crops were attributed to several factors. An open spring allowed early completion of seeding, and cool nights prevailed most of the season. Good subsoil moisture for all but the northwest and west central districts, plus the general, heavy rains after seeding helped provide adequate moisture for most of the State's small grains through their maturity. The complete lack of moisture after June kept most disease problems to a minimum, plus, it allowed an ideal harvest period with very little harvest loss noted. Another factor that probably contributed to higher yields was the large number of acres planted on land idled in 1983 by the PIK program.

Small grain harvest began the week of July 22-29 and was wrapped up by September 2nd, a record early harvest and about two weeks ahead of normal. Row crops were suffering from extended moisture stress by this time, and less than a third of all crops (except soybeans and dry beans) were rated in good condition or better.

The season's first hard freeze came during the week of September 23-30. Combining of all row crops except sunflower was running well ahead of normal, with harvest of corn silage, flax and dry beans nearing completion on September 30th. Soybean, corn and sugarbeet harvests were nearing completion by November 4th, while sunflower harvest wound up the 1985 season by November 11. Harvest of all crops was near or ahead of normal for the year.

General Acreage & Production Summary

The total planted acreage of all estimated crops in 1984 was 21.6 million acres, up 13 percent from 19.1 million in 1983. Acreage rebounded from the PIK program in 1983, but was still below 1981 and 1982 levels.

Abandonment for all small grains was at one of the lowest levels ever thanks to good yields and ideal harvest weather. Row crops showed slightly more abandonment due to some severe yield losses in some areas, particularly in northwest and west central counties.

Total crop output in North Dakota for 1984 rose 27 percent from 1983, but was still 4 percent below 1982.

Average yields per acre were up from 1983 for all small grains and flaxseed, but all late season crops suffered yield drops. Record to near record yields for small grains showed that they benefited from early season moisture while late-season crops had to deal with a drought.

Index of Crop Production - North Dakota
1971-84 (1967=100)

Year	Grains			Oil Crops	Misc. 1/	Hay	All Crops
	Food	Feed	All				
1971	162	136	154	97	148	119	145
1972	120	137	125	107	138	123	124
1973	132	119	129	126	155	101	127
1974	116	69	102	88	180	114	108
1975	145	92	129	120	181	127	132
1976	158	89	137	88	189	96	132
1977	126	118	123	244	238	78	134
1978	157	133	150	328	261	152	171
1979	139	94	125	586	213	125	164
1980	98	56	86	274	213	54	104
1981	179	131	165	406	308	104	184
1982	178	133	164	497	244	119	188
1983	107	140	117	388	219	108	142
1984	156	173	162	433	247	108	180

1/ Non-oil sunflower, potatoes, sugar beets, dry edible beans, alfalfa seed.

NORTH DAKOTA'S PRINCIPAL CROPS: ACREAGE, YIELD, PRODUCTION

DOMESTIC UNITS

Crop	Acreage Planted		Acreage Harvested		Yield per Acre		UNIT	Production	
	1983	1984	1983	1984	1983	1984		1983	1984
	(000)	(000)	(000)	(000)				(000)	(000)
Corn, Grain			435	630	67.0	66.0	Bu.	29,145	41,580
Silage			262	323	6.3	5.8	Tons	1,651	1,873
Forage			11	13			---		
All	720	970	708	966			---		
Wheat, Durum	2,090	2,750	2,050	2,710	26.5	29.0	Bu.	54,325	78,590
Spring 1/	5,100	5,450	5,000	5,400	27.0	34.0	Bu.	135,000	183,600
Winter	180	620	155	550	31.0	40.0	Bu.	4,805	22,000
All	7,370	8,820	7,205	8,660	26.9	32.8	Bu.	194,130	284,190
Oats	1,500	1,150	1,260	980	50.5	51.0	Bu.	63,630	49,980
Barley	2,600	2,950	2,520	2,900	45.5	53.0	Bu.	114,660	153,700
Rye	140	155	135	150	32.0	36.0	Bu.	4,320	5,400
Flaxseed	410	400	400	390	11.5	12.5	Bu.	4,600	4,875
Soybeans	540	750	530	740	27.0	23.0	Bu.	14,310	17,020
Beans, Dry Edible	170	205	160	200	10.3	12.6	Cwt.	1,648	2,520
Sunflower, Oil	2,230	2,630	2,200	2,600	1040.0	970.0	Lbs.	2,288,000	2,522,000
Non-Oil	145	220	144	217	1100.0	1050.0	Lbs.	158,400	227,850
All	2,375	2,850	2,344	2,817	1044.0	976.0	Lbs.	2,446,400	2,749,850
Millet for Grain	75	95	60	82	29.0	28.0	Bu.	1,740	2,296
Mustard	33	30	31	29	650.0	830.0	Lbs.	20,150	24,070
Sugarbeets	143.1	139.8	142.2	139.1	16.9	16.6	Tons	2,404	2,309
Potatoes, Fall	132	136	128	133	160.0	155.0	Cwt.	20,480	20,615
Hay, Alfalfa			1,550	1,550	1.80	1.75	Tons	2,790	2,713
All Other			1,350	1,350	1.25	1.30	Tons	1,688	1,755
All			2,900	2,900	1.54	1.54	Tons	4,478	4,468
Summer Fallow	6,900	6,000							
Total Acres 2/	19,108	21,551	18,523	21,086	---	---		---	---

METRIC UNITS

Crop	Hectares Planted		Hectares Harvested		Yield per Hectare Metric Tons		Production Metric Tons	
	1983	1984	1983	1984	1983	1984	1983	1984
Corn, Grain			176,040	254,950	4.21	4.14	740,320	1,056,180
Silage			106,030	130,710	14.13	13.00	1,497,760	1,699,160
Forage			4,450	5,260				
All	291,380	392,550	286,520	390,920				
Wheat, Durum	845,800	1,112,900	829,610	1,096,710	1.78	1.95	1,478,480	2,138,870
Spring 1/	2,063,920	2,205,560	2,023,450	2,185,330	1.82	2.29	3,674,100	4,996,770
Winter	72,840	250,910	62,730	222,580	2.08	2.69	130,770	598,740
All	2,982,560	3,569,370	2,915,790	3,504,620	1.81	2.21	5,283,350	7,734,380
Oats	607,040	465,390	509,910	396,600	1.81	1.83	923,590	725,460
Barley	1,052,190	1,193,840	1,019,820	1,173,600	2.45	2.85	2,496,430	3,346,420
Rye	56,660	62,730	54,630	60,700	2.01	2.26	109,730	137,170
Flaxseed	165,920	161,880	161,880	157,830	.72	.78	116,350	123,830
Soybeans	218,530	303,520	214,490	299,470	1.82	1.55	389,450	463,210
Beans, Dry Edible	68,800	82,960	64,750	80,940	1.15	1.41	74,750	114,300
Sunflower, Oil	902,460	1,064,330	890,320	1,052,190	1.17	1.09	1,037,810	1,143,950
Non-Oil	58,680	89,030	58,280	87,820	1.23	1.18	71,850	103,350
All	961,140	1,153,360	948,600	1,140,010	1.17	1.09	1,109,660	1,247,300
Millet for Grain	30,350	38,450	24,280	33,180	1.59	1.54	38,670	51,030
Mustard	13,350	12,140	12,550	11,740	.73	.93	9,140	10,920
Sugarbeets	57,910	56,580	57,550	56,290	37.90	37.21	2,180,870	2,094,690
Potatoes, Fall	53,420	55,040	51,800	53,820	17.93	17.37	928,950	935,080
Hay, Alfalfa			627,270	627,270	4.04	3.92	2,531,050	2,461,190
All Other			546,330	546,330	2.80	2.91	1,531,330	1,592,110
All			1,173,600	1,173,600	3.46	3.45	4,062,380	4,053,300
Summer Fallow	2,792,360	2,428,140						
Total Hectares 2/	7,732,850	8,721,410	7,496,070	8,533,320	2.66	2.79	19,961,900	23,792,430

1/ Spring Wheat other than Durum. 2/ Planted acres include harvested for hay.

HISTORIC ESTIMATES, PRINCIPAL CROPS, NORTH DAKOTA, 1975-84

ACREAGE, YIELD AND PRODUCTION

ALL WHEAT

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
1975	10,627	10,213	25.9	264,392
1976	11,930	11,655	24.7	287,830
1977	9,960	9,254	24.8	229,907
1978	9,760	9,585	29.8	286,065
1979	9,900	9,600	26.3	252,235
1980	11,735	9,620	18.7	179,650
1981	11,825	11,570	28.4	328,260
1982	10,525	10,300	31.5	324,835
1983	7,370	7,205	26.9	194,130
1984	8,820	8,660	32.8	284,190

OTHER SPRING WHEAT

1975	6,400	6,130	25.5	156,315
1976	8,080	7,900	24.5	193,550
1977	7,200	6,680	25.0	167,000
1978	6,300	6,210	29.0	180,090
1979	6,400	6,230	26.5	165,095
1980	7,200	5,700	18.5	105,450
1981	7,200	7,050	28.0	197,400
1982	6,850	6,750	31.0	209,250
1983	5,100	5,000	27.0	135,000
1984	5,450	5,400	34.0	183,600

DURUM WHEAT

1975	4,080	3,960	26.5	104,940
1976	3,710	3,620	25.0	90,500
1977	2,600	2,470	24.5	60,515
1978	3,300	3,240	31.5	102,060
1979	3,330	3,250	26.0	84,500
1980	4,400	3,850	19.0	73,150
1981	4,500	4,410	29.0	127,890
1982	3,500	3,410	32.5	110,825
1983	2,090	2,050	26.5	54,325
1984	2,750	2,710	29.0	78,590

WINTER WHEAT

1975	147	123	25.5	3,137
1976	140	135	28.0	3,780
1977	160	104	23.0	2,392
1978	160	135	29.0	3,915
1979	170	120	22.0	2,640
1980	135	70	15.0	1,050
1981	125	110	27.0	2,970
1982	175	140	34.0	4,760
1983	180	155	31.0	4,805
1984	620	550	40.0	22,000

OATS

1975	1,500	1,370	41.0	56,170
1976	1,320	1,180	38.0	44,840
1977	1,900	1,500	40.0	60,000
1978	1,320	1,160	54.0	62,640
1979	1,050	840	44.0	36,960
1980	1,050	450	30.0	13,500
1981	1,200	960	46.0	44,160
1982	1,200	1,050	53.0	55,650
1983	1,500	1,260	50.5	63,630
1984	1,150	980	51.0	49,980

BARLEY

1975	2,220	2,100	38.0	79,800
1976	2,200	2,140	38.0	81,320
1977	2,690	2,530	39.0	98,670
1978	2,500	2,450	46.0	112,700
1979	1,700	1,650	46.0	75,900
1980	1,850	1,500	32.0	48,000
1981	2,150	2,100	48.0	100,800
1982	2,000	1,950	53.0	103,350
1983	2,600	2,520	45.5	114,660
1984	2,950	2,900	53.0	153,700

RYE

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
1975	135	119	25.0	2,975
1976	120	111	25.5	2,831
1977	110	80	26.0	2,080
1978	200	180	30.0	5,400
1979	150	140	28.0	3,920
1980	70	50	21.0	1,050
1981	75	70	31.0	2,170
1982	80	75	32.0	2,400
1983	140	135	32.0	4,320
1984	155	150	36.0	5,400

FLAXSEED

1975	815	770	10.0	7,700
1976	495	470	8.0	3,760
1977	750	700	10.0	7,000
1978	360	350	11.5	4,025
1979	480	460	13.0	5,980
1980	330	270	10.0	2,700
1981	330	320	12.5	4,000
1982	460	435	13.5	5,873
1983	410	400	11.5	4,600
1984	400	390	12.5	4,875

SUGARBEETS

	(000)	(000)	(Tons)	(000 Tons)
1975	139.6	130.9	13.9	1,820
1976	153.2	149.8	13.5	2,022
1977	157.8	155.2	17.8	2,769
1978	156.2	155.2	19.7	3,054
1979	145.3	143.1	16.1	2,304
1980	147.6	142.7	14.1	2,017
1981	145.6	144.9	18.6	2,695
1982	145.7	144.8	17.1	2,476
1983	143.1	142.2	16.9	2,404
1984	139.8	139.1	16.6	2,309

POTATOES

	(000)	(000)	(Cwt.)	(000 Cwt.)
1975	116	110	160	17,600
1976	126	123	140	17,220
1977	142	140	160	22,400
1978	137	135	175	23,625
1979	121	114	160	18,240
1980	114	112	140	15,680
1981	119	115	175	20,125
1982	122	115	150	17,250
1983	132	128	160	20,480
1984	136	133	155	20,615

ALL DRY EDIBLE BEANS

	(000)	(000)	(Cwt.)	(000 Cwt.)
1975	127	122	9.7	1,183
1976	144	139	8.0	1,112
1977	115	105	10.5	1,103
1978	118	113	11.0	1,243
1979	110	105	13.5	1,418
1980	265	255	10.5	2,678
1981	430	415	11.0	4,565
1982	300	240	10.5	2,520
1983	170	160	10.3	1,648
1984	205	200	12.6	2,520

Dry Beans by Commercial Classes (000 Cwt.)

Year	Peas, Navy	Great Northern	Pinto	Other	Total
1975	61	2	1,117	3	1,183
1976	63	5	1,043	1	1,112
1977	150	9	944	0	1,103
1978	270	3	966	4	1,243
1979	247	3	1,158	10	1,418
1980	404	0	2,248	26	2,678
1981	870	0	3,570	125	4,565
1982	840	0	1,596	84	2,520
1983	598	0	1,020	30	1,648
1984	960	0	1,500	60	2,520

HISTORIC ESTIMATES CONT.

ACREAGE, YIELD AND PRODUCTION

Year	Acres Planted	Acres Harvested	Acres Harvested	Yield per Acre	Production
	(000)	(000)	(000)	(Bu.)	(000 Bu.)
	ALL CORN		CORN GRAIN		
1975	500	467	140	51.0	7,140
1976	510	501	204	40.0	8,160
1977	620	600	260	73.0	18,980
1978	600	593	300	79.0	23,700
1979	590	580	313	76.0	23,788
1980	700	655	290	58.0	16,820
1981	900	893	513	81.0	41,553
1982	890	880	520	68.0	35,360
1983	720	708	435	67.0	29,145
1984	970	966	630	66.0	41,580

Year	Acres Harvested	Yield per Acre	Production	Acres
	(000)	(Ton)	(000 Tons)	(000)
		CORN SILAGE		FORAGE
1975	294	5.4	1,588	33
1976	280	5.0	1,400	17
1977	309	5.1	1,576	31
1978	274	6.7	1,836	19
1979	252	6.7	1,688	15
1980	326	4.3	1,402	39
1981	366	7.3	2,672	14
1982	348	6.2	2,158	12
1983	262	6.3	1,651	11
1984	323	5.8	1,873	13

Year	Acres Planted	Acres Harvested	Yield per Acre Harv.	Production
	(000)	(000)	(Bu.)	(000 Bu.)
		SOYBEANS		
1975	180	149	19.5	2,906
1976	150	147	12.5	1,838
1977	180	175	20.0	3,500
1978	175	173	27.5	4,758
1979	210	206	27.0	5,562
1980	210	200	17.5	3,500
1981	250	245	28.0	6,860
1982	425	415	21.0	8,715
1983	540	530	27.0	14,310
1984	750	740	23.0	17,020
		SUNFLOWER - OIL		
	(000)	(000)	(Pounds)	(000 Lbs.)
1975	376	349	1100	383,900
1976	433	420	1000	420,000
1977	1,190	1,155	1270	1,466,850
1978	1,740	1,731	1340	2,319,540
1979	3,300	3,220	1360	4,379,200
1980	2,200	2,050	980	2,009,000
1981	2,420	2,400	1200	2,880,000
1982	3,190	3,140	1100	3,454,000
1983	2,230	2,200	1040	2,288,000
1984	2,630	2,600	970	2,522,000
		SUNFLOWER - NON-OIL		
1975	166	149	1100	163,900
1976	187	180	1000	180,000
1977	170	165	1160	191,400
1978	180	179	1260	225,540
1979	160	158	1300	205,400
1980	200	185	930	172,050
1981	230	228	1220	278,160
1982	210	208	1200	249,600
1983	145	144	1100	158,400
1984	220	217	1050	227,850
		SUNFLOWER - TOTAL		
1975	542	498	1100	547,800
1976	620	600	1000	600,000
1977	1,360	1,320	1255	1,658,250
1978	1,920	1,910	1333	2,545,080
1979	3,460	3,378	1357	4,584,600
1980	2,400	2,235	976	2,181,050
1981	2,650	2,628	1202	3,158,160
1982	3,400	3,348	1106	3,703,600
1983	2,375	2,344	1044	2,446,400
1984	2,850	2,817	976	2,749,850

Year	Acres Harvested	Yield per Acre	Production
	(000)	(Tons)	(000 Tons)
		ALL HAY	
1975	3,540	1.49	5,268
1976	3,440	1.16	3,976
1977	3,140	1.03	3,229
1978	3,430	1.83	6,285
1979	3,200	1.62	5,178
1980	2,500	.90	2,245
1981	2,900	1.49	4,315
1982	2,800	1.75	4,913
1983	2,900	1.54	4,478
1984	2,900	1.54	4,468
		ALFALFA HAY	
1975	1,920	1.90	3,648
1976	1,840	1.30	2,392
1977	1,600	1.20	1,920
1978	1,900	2.10	3,990
1979	1,850	1.85	3,423
1980	1,200	.95	1,140
1981	1,600	1.60	2,560
1982	1,550	2.00	3,100
1983	1,550	1.80	2,790
1984	1,550	1.75	2,713
		OTHER HAY	
1975	1,620	1.00	1,620
1976	1,600	.99	1,584
1977	1,540	.85	1,309
1978	1,530	1.50	2,295
1979	1,350	1.30	1,755
1980	1,300	.85	1,105
1981	1,300	1.35	1,755
1982	1,250	1.45	1,813
1983	1,350	1.25	1,688
1984	1,350	1.30	1,755

Year	Acres Planted	Acres Harvested	Yield per Acre Harv.	Production
		MILLET		
	(Acres)	(Acres)	(Bu.)	(000 Bu.)
1975	120,000	96,000	29.5	2,832
1976	118,000	91,000	15.0	1,365
1977	210,000	166,000	30.0	4,980
1978	85,000	70,000	28.5	1,995
1979	80,000	65,000	32.0	2,080
1980	160,000	50,000	28.0	1,400
1981	130,000	85,000	33.0	2,805
1982	75,000	55,000	24.0	1,320
1983	75,000	60,000	29.0	1,740
1984	95,000	82,000	28.0	2,296
		MUSTARD		
	(Acres)	(Acres)	(Pounds)	(000 Lbs.)
1980	50,000	41,000	650	26,650
1981	70,000	69,000	920	63,480
1982	26,000	25,000	900	22,500
1983	33,000	31,000	650	20,150
1984	30,000	29,000	830	24,070

Year	Summerfallow	Principal Crops Total	
		Planted*	Harvested
		- - - Thousand Acres - - -	
1975	7,040	20,522	19,685
1976	6,440	21,312	20,747
1977	6,380	21,249	19,865
1978	6,550	20,716	20,304
1979	6,500	21,181	20,524
1980	6,450	21,497	18,081
1981	5,200	23,155	22,515
1982	5,300	22,409	21,833
1983	6,900	19,078	18,523
1984	6,000	21,476	21,086

*Includes acres harvested for hay.

HISTORIC ESTIMATES CONT.

SEASON AVERAGE PRICE AND VALUE OF PRODUCTION

Crop of	Season Average Price* (Dols./Bu.)	Value of Production (000 Dols.)	Value per Harvested Acre (Dols./Ac.)
		ALL WHEAT	
1975	4.28	1,131,964	110.84
1976	2.60	748,932	64.26
1977	2.47	567,367	61.31
1978	2.84	813,154	84.84
1979	3.82	964,142	100.43
1980	4.40	790,157	82.14
1981	3.54	1,163,851	100.59
1982	3.69	1,199,074	116.41
1983	3.76	730,541	101.39
1984	3.54	1,006,613	116.24
		SPRING WHEAT OTHER THAN DURUM	
1975	4.05	633,076	103.28
1976	2.67	516,779	65.42
1977	2.40	400,800	60.00
1978	2.80	504,252	81.20
1979	3.53	582,785	93.54
1980	3.92	413,364	72.52
1981	3.59	708,666	100.52
1982	3.71	776,318	115.01
1983	3.69	498,150	99.63
1984	3.50	642,600	119.00
		DURUM	
1975	4.65	487,971	123.23
1976	2.47	223,535	61.75
1977	2.66	160,970	65.17
1978	2.93	299,036	92.30
1979	4.41	372,645	114.66
1980	5.10	373,065	96.90
1981	3.48	445,057	100.92
1982	3.66	405,620	118.95
1983	3.97	215,670	105.20
1984	3.75	294,713	108.75
		WINTER WHEAT	
1975	3.48	10,917	88.76
1976	2.28	8,618	63.84
1977	2.34	5,597	53.82
1978	2.52	9,866	73.08
1979	3.30	8,712	72.60
1980	3.55	3,728	53.26
1981	3.41	10,128	92.07
1982	3.60	17,136	122.40
1983	3.48	16,721	107.88
1984	3.15	69,300	126.00
		OATS	
1975	1.32	74,144	54.12
1976	1.37	61,431	52.06
1977	.94	56,400	37.60
1978	1.00	62,640	54.00
1979	1.16	42,874	51.04
1980	1.77	23,895	53.10
1981	1.63	71,981	74.98
1982	1.20	66,780	63.60
1983	1.37	87,173	69.18
1984	1.40	69,972	71.40
		BARLEY	
1975	2.55	203,490	96.90
1976	2.24	182,157	85.12
1977	1.54	151,952	60.06
1978	1.78	200,606	81.88
1979	2.06	156,354	94.76
1980	2.62	125,760	83.84
1981	2.15	216,720	103.20
1982	1.90	196,365	100.70
1983	2.19	251,105	99.64
1984	1.95	299,715	103.35

Crop of	Season Average Price* (Dols./Bu.)	Value of Production (000 Dols.)	Value per Harvested Acre (Dols./Ac.)
		RYE	
1975	2.34	6,962	58.50
1976	2.40	6,794	61.21
1977	1.80	3,744	46.80
1978	1.69	9,126	50.70
1979	1.70	6,664	47.60
1980	2.64	2,772	55.44
1981	2.77	6,011	85.87
1982	2.01	4,824	64.32
1983	1.91	8,251	61.12
1984	1.65	8,910	59.40
		FLAXSEED	
1975	6.51	50,127	65.10
1976	7.18	26,997	57.44
1977	4.64	32,480	46.40
1978	5.84	23,506	67.16
1979	5.76	34,445	74.88
1980	7.18	19,386	71.80
1981	6.57	26,280	82.13
1982	5.14	30,187	69.40
1983	6.83	31,418	78.55
1984	5.95	29,006	74.37
		SUGARBEETS*	
1975	28.50	51,870	396.26
1976	19.70	39,833	265.91
1977	21.40	59,257	381.81
1978	22.90	69,937	450.63
1979	34.10	78,566	549.03
1980	46.30	93,387	654.43
1981	20.50	55,248	381.28
1982	35.70	88,393	610.45
1983	35.40	85,102	598.47
1984	1/	1/	1/
		POTATOES*	
1975	4.20	73,920	672.00
1976	3.45	59,409	483.00
1977	2.70	60,480	432.00
1978	2.60	61,425	455.00
1979	3.25	59,280	520.00
1980	6.85	107,408	959.00
1981	4.05	81,506	708.75
1982	4.35	75,038	652.50
1983	4.90	100,352	784.00
1984	4.50	92,768	697.50
		DRY EDIBLE BEANS*	
1975	14.70	17,390	142.54
1976	11.20	12,454	89.60
1977	15.80	17,427	165.97
1978	13.50	16,781	148.50
1979	22.50	31,905	303.86
1980	24.70	66,147	259.40
1981	19.80	90,387	217.80
1982	11.30	28,476	118.65
1983	18.70	30,818	192.61
1984	15.90	40,068	200.34
		CORN	
1975	2.52	17,993	128.52
1976	2.19	17,870	85.60
1977	1.97	37,391	143.81
1978	2.06	48,822	162.74
1979	2.13	50,668	161.88
1980	2.87	48,273	166.46
1981	2.39	99,312	193.59
1982	2.69	95,118	182.92
1983	3.02	88,018	202.34
1984	2.55	106,029	168.30

Crop of	Season Average Price* (Dols./Bu.)	Value of Production (000 Dols.)	Value per Harvested Acre (Dols./Ac.)
		SOYBEANS	
1975	4.99	14,501	97.32
1976	7.30	13,417	91.27
1977	5.83	20,405	116.60
1978	6.75	32,117	185.65
1979	5.80	32,260	156.60
1980	7.02	24,570	122.85
1981	5.66	38,828	158.48
1982	5.41	47,148	113.61
1983	7.34	105,035	198.18
1984	5.65	96,163	129.95
		SUNFLOWER - OIL*	
1975	10.40	39,926	114.40
1976	10.80	45,360	108.00
1977	10.50	154,019	133.35
1978	10.40	241,232	139.36
1979	8.76	383,618	119.14
1980	10.80	216,972	105.84
1981	10.50	302,400	126.00
1982	8.60	297,044	94.60
1983	13.00	297,440	135.20
1984	10.90	274,898	105.73
		SUNFLOWER - NON-OIL*	
1975	11.70	19,176	128.70
1976	11.70	21,060	117.00
1977	10.90	20,863	126.44
1978	10.90	24,584	137.34
1979	11.70	24,032	152.10
1980	13.20	22,711	122.76
1981	13.20	36,717	161.04
1982	12.10	30,202	145.20
1983	12.80	20,275	140.80
1984	14.90	33,950	156.45
		SUNFLOWER - TOTAL*	
1975	10.80	59,102	118.68
1976	11.10	66,420	110.70
1977	10.60	174,882	132.49
1978	10.40	265,816	139.17
1979	8.89	407,650	120.68
1980	11.00	239,683	107.24
1981	10.70	339,117	129.04
1982	8.84	327,246	97.74
1983	13.00	317,715	135.54
1984	11.20	308,848	109.64
		ALL HAY*	
1975	36.00	189,648	53.57
1976	45.50	180,908	52.59
1977	44.00	142,076	45.25
1978	36.00	226,260	65.97
1979	37.50	194,175	60.68
1980	75.00	168,375	67.35
1981	58.00	250,270	86.30
1982	41.50	203,890	72.82
1983	39.00	174,642	60.22
1984	42.50	189,890	65.48
		TOTAL PRINCIPAL CROPS	
1975		1,891,111	98.18
1976		1,416,622	69.58
1977		1,323,861	68.38
1978		1,830,190	91.78
1979		2,058,983	102.19
1980		1,709,813	97.01
1981		2,439,511	110.98
1982		2,362,539	110.44
1983		2,010,170	110.70
1984 1/		2,247,982	109.66

*Season average price: sugarbeets and hay, dollars per ton; potatoes, sunflower and dry edible beans, dollars per hundredweight. 1/ Sugarbeets are not included for 1984 as price is not available.

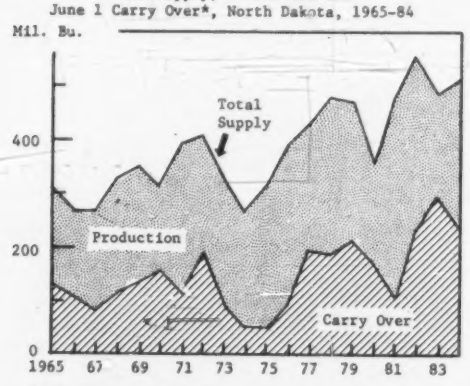
GRAIN STOCKS

STOCKS BY POSITIONS, QUARTERLY, NORTH DAKOTA, 1975-84

Year Beginning Oct. 1	On Farm				Off Farm				Total			
	Oct. 1	Jan. 1	April 1	June 1 1/	Oct. 1	Jan. 1	April 1	June 1 1/	Oct. 1	Jan. 1	April 1	June 1 1/
	Thousand Bushels											
ALL WHEAT												
1975	198,294	142,772	111,045	76,674	49,839	40,475	30,444	21,709	248,133	183,247	141,489	98,383
1976	238,899	207,238	175,576	161,185	67,449	55,849	46,224	33,400	306,348	263,087	221,800	194,585
1977	298,879	246,000	209,215	156,337	58,339	47,578	41,199	32,804	357,218	293,578	250,414	189,141
1978	314,672	271,762	243,155	180,221	64,186	47,076	43,565	32,042	378,858	318,838	286,720	212,263
1979	317,816	242,146	194,221	138,729	62,839	43,409	41,600	35,500	380,655	285,555	235,821	174,229
1980	213,784	179,650	154,499	116,773	59,000	53,500	43,000	34,626	272,784	233,150	197,499	151,399
1981	334,825	275,738	249,478	196,956	64,300	49,205	42,000	32,241	399,125	324,943	291,478	229,197
1982	432,031	354,070	298,848	237,130	69,500	56,000	51,500	51,000	501,531	410,070	350,348	288,130
1983	267,899	242,663	215,484	174,717	73,000	62,000	57,500	48,792	340,899	304,663	272,984	223,509
1984	329,660	255,771	215,984		79,500	67,000	61,500		409,160	322,771	277,484	
DURUM WHEAT												
1975	74,507	55,618	45,124	33,581	16,536	14,251	10,876	9,148	91,043	69,869	56,000	42,729
1976	95,930	83,260	68,780	61,540	22,124	18,455	15,009	10,048	118,054	101,715	83,789	71,588
1977	89,562	70,197	51,438	40,545	16,280	13,231	10,209	7,490	105,842	83,428	61,647	48,035
1978	100,019	83,689	71,442	60,215	15,141	11,055	11,468	8,211	115,160	94,744	82,910	68,426
1979	103,090	74,360	54,925	42,250	16,725	10,428	11,240	6,101	119,815	84,788	66,165	48,351
1980	71,687	59,983	49,742	37,307	15,973	15,600	11,050	7,599	87,660	75,583	60,792	44,906
1981	118,938	98,475	88,244	75,455	19,000	13,000	10,500	7,529	137,938	111,475	98,744	82,984
1982	148,506	130,774	108,609	93,093	21,500	18,000	16,000	16,000	170,006	148,774	124,609	109,093
1983	95,069	82,574	73,339	60,844	24,500	22,500	18,890	16,400	119,569	105,074	92,229	77,244
1984	109,240	82,520	71,517		25,000	21,000	18,500		134,240	103,520	90,017	
BARLEY												
1975	63,840	49,476	36,708	28,728	10,553	9,222	7,814	5,649	74,393	58,698	44,522	34,377
1976	65,869	49,605	34,154	19,517	12,389	10,206	9,479	6,490	78,258	59,811	43,633	26,007
1977	84,856	75,976	54,269	42,428	11,082	10,265	11,288	6,917	95,938	86,241	65,557	49,345
1978	118,335	96,922	76,636	61,985	12,392	13,720	14,700	12,017	130,727	110,642	91,336	74,002
1979	106,260	88,803	68,310	52,371	16,539	11,569	12,400	9,167	122,799	100,372	80,710	61,538
1980	72,000	51,840	38,880	28,800	12,880	12,500	10,200	8,437	84,880	64,340	49,080	37,237
1981	87,696	66,528	50,400	40,320	11,000	8,621	8,215	6,298	98,696	75,149	58,615	46,618
1982	112,652	98,183	70,278	57,876	14,500	11,000	10,000	9,000	127,152	109,183	80,278	66,876
1983	105,487	79,115	67,649	55,037	15,300	13,900	11,230	9,505	120,787	93,015	78,879	64,542
1984	144,478	106,053	89,146		17,300	15,200	13,800		161,778	121,253	102,946	
OATS												
1975	56,732	47,745	30,332	23,591	14,588	12,594	10,970	6,823	71,320	60,339	41,302	30,414
1976	56,050	41,253	25,110	17,039	5,922	3,400	2,633	2,037	61,972	44,653	27,743	19,076
1977	66,000	53,400	40,200	30,600	4,488	3,381	3,294	2,943	70,488	56,781	43,494	33,543
1978	68,904	62,640	46,980	35,078	5,259	4,380	4,039	3,345	74,163	67,020	51,019	38,423
1979	59,136	49,896	37,330	26,611	3,965	3,081	2,010	1,551	63,101	52,977	39,340	28,162
1980	33,750	26,325	15,390	11,475	1,610	1,400	1,500	1,076	35,360	27,725	16,890	12,551
1981	45,043	35,328	22,522	17,222	2,200	1,800	1,300	1,185	47,243	37,128	23,822	18,407
1982	58,433	48,972	33,390	25,043	2,900	2,100	1,750	1,200	61,333	51,072	35,140	26,243
1983	60,449	41,996	36,905	26,725	3,300	1,600	1,130	1,032	63,749	43,596	38,035	27,757
1984	54,978	34,486	29,988		2,550	1,800	1,670		57,528	36,286	31,658	

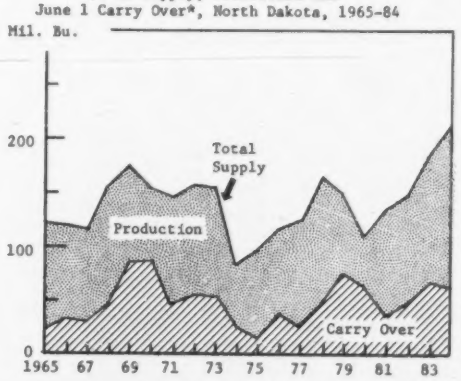
1/ July 1 prior to 1975.

ALL WHEAT
Total Supply, Production and
June 1 Carry Over*, North Dakota, 1965-84



*July 1 prior to 1975.

BARLEY
Total Supply, Production and
June 1 Carry Over*, North Dakota, 1965-84



*July 1 prior to 1975.

GRAIN STOCKS CONT.

STOCKS BY POSITIONS, QUARTERLY, NORTH DAKOTA, 1975-84

Year Beginning Oct. 1	On Farm				Off Farm				Total			
	Oct. 1	Jan. 1	April 1	June 1	Oct. 1	Jan. 1	April 1	June 1	Oct. 1	Jan. 1	April 1	June 1
	- - - - - - - - - - Thousand Bushels - - - - - - - - - -											
RYE												
1979	4,155	3,450	3,136	2,744	1,432	1,043	916	812	5,587	4,493	4,052	3,556
1980	1,176	914	515	273	560	389	330	127	1,736	1,303	845	400
1981	1,215	651	434	304	240	180	143	67	1,455	831	577	371
1982	1,536	1,320	1,152	1,080	460	320	300	250	1,996	1,640	1,452	1,330
1983 1/				1,728				560				2,288
FLAXSEED												
1979	4,664	2,930	2,332	1,674	859	1,340	620	602	5,523	4,270	2,952	2,276
1980	2,700	1,620	972	567	372	640	360	313	3,072	2,260	1,332	880
1981	2,840	2,040	1,320	800	900	400	260	233	3,740	2,440	1,580	1,033
1982	3,171	2,290	1,644	1,410	780	1,550	1,200	1,000	3,951	3,840	2,844	2,410
1983 1/				276				781				1,057

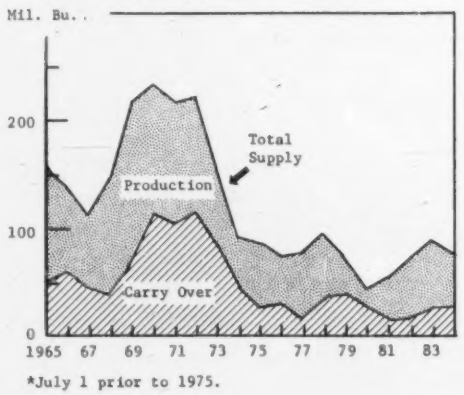
Year	Jan. 1	April 1	June 1	Oct. 1 2/	Jan. 1	April 1	June 1	Oct. 1 2/	Jan. 1	April 1	June 1	Oct. 1 2/
CORN												
1975	5,355	3,570	2,071	428	954	648	265	423	6,309	4,218	2,336	851
1976	5,059	3,509	1,795	816	808	519	566	336	5,867	4,028	2,361	1,152
1977	15,184	11,008	7,592	5,314	1,321	1,121	898	733	16,505	12,129	8,490	6,047
1978	21,330	13,746	11,850	9,006	1,755	1,807	1,172	960	23,085	15,553	13,022	9,966
1979	19,744	14,273	11,894	9,515	2,058	890	986	863	21,802	15,163	12,880	10,378
1980	13,961	8,074	6,728	3,364	2,500	1,857	1,157	420	16,461	9,931	7,885	3,784
1981	29,087	26,178	24,101	22,854	3,767	2,974	2,364	1,950	32,854	29,152	26,465	24,804
1982	38,896	37,128	35,360	17,680	5,350	4,650	4,571	9,200	44,246	41,778	39,931	26,880
1983	20,402	18,944	16,030	8,452	8,900	6,245	4,260	3,200	29,302	25,189	20,290	11,652
1984	28,274	22,869			4,500	3,900			32,774	26,769		
SOYBEANS												
1975	1,453	1,191	872	407	1,184	816	731	272	2,637	2,007	1,603	679
1976	1,195	772	257	74	431	150	177	108	1,626	922	434	182
1977	2,205	1,295	875	350	791	543	395	171	2,996	1,838	1,270	521
1978	2,760	2,284	1,332	428	954	662	503	375	3,714	2,946	1,835	803
1979	3,671	3,059	2,392	278	1,351	920	723	414	5,022	3,979	3,115	692
1980	1,750	1,400	700	245	912	640	450	330	2,662	2,040	1,150	575
1981	3,499	2,950	1,784	755	1,700	1,200	360	330	5,199	4,150	2,144	1,085
1982	5,316	2,963	2,615	523	1,800	850	752	360	7,116	3,813	3,367	883
1983	4,293	3,864	1,717	286	2,500	1,821	1,031	635	6,793	5,685	2,748	921
1984	6,638	5,276			2,900	3,260			9,538	8,536		
	- - - - - - - - - - Million Pounds - - - - - - - - - -											
SUNFLOWER												
1982				92.6				220.0				312.6
1983	530.9	289.6	48.3	7.3	760.0	380.0	225.4	46.3	1,290.9	669.6	273.7	53.6
1984	770.0	522.5			500.0	384.0			1,270.0	906.5		

1/ Estimates made on June 1 only starting 1983 crop. 2/ September 1 for soybeans.

HAY

Crop Of	Production	Stocks Jan. 1	Stocks May 1
	- - - Thousand Ton - - -		
1975	5,268	4,267	1,528
1976	3,976	3,499	716
1977	3,229	2,809	452
1978	6,285	5,091	1,697
1979	5,178	4,816	1,398
1980	2,245	2,357	427
1981	4,315	3,409	734
1982	4,913	4,225	1,621
1983	4,478	3,672	1,164
1984	4,468	3,887	983

OATS
Total Supply, Production and
June 1 Carry Over*, North Dakota, 1965-84



*July 1 prior to 1975.

POTATOES

NUMBER OF HILLS, HARVEST LOSSES AND SEED

Number of hills per acre and harvest loss are from the annual potato objective yield survey conducted in North Dakota. These data are presented here for information but are not considered official estimates. Objective yield sample plots were located in potato fields that were selected on a random basis. Field enumerators recorded counts and measurements just prior to and immediately after harvest.

The seed potato acres listed were eligible for final certification based on history, field inspections and certain other preliminary requirements of the North Dakota State Seed Department.

Certified Seed Potatoes
North Dakota, 1977-84

Year	Acres Eligible
1977	40,299
1978	34,454
1979	25,301
1980	22,557
1981	25,380
1982	27,263
1983	29,183
1984	30,343

Source: N.D. State Seed Department

POTATOES: Number of Hills and Harvest Loss per Acre, North Dakota, 1980-1984 1/

Year	REDS			WHITES			RUSSETS			ALL TYPES
	Number of Samples	Average Hills per Acre	Harvest Loss	Number of Samples	Average Hills per Acre	Harvest Loss	Number of Samples	Average Hills per Acre	Harvest Loss	Harvest Loss per Acre
	(No.)	(No.)	(Cwt.)	(No.)	(No.)	(Cwt.)	(No.)	(No.)	(Cwt.)	(Cwt.)
1980	46	10,037	26	112	9,961	24	21	9,998	35	26
1981	35	9,246	24	122	9,751	28	12	9,085	42	28
1982	34	9,431	38	101	9,384	35	31	10,563	25	33
1983	47	10,793	18	112	10,078	22	17	9,868	32	22
1984	36	10,499	28	92	10,024	29	8	10,102	27	30

1/ Harvest loss pertains to potatoes left in field at time of harvest.

POTATOES: Production, Disposition, Price and Value, North Dakota, 1979-1983

Crop of	Production	Total Used for Seed 1/	Farm Disposition Used on Farms Where Grown		Sold 2/	Price per Hundredweight	Value of Production	
			For Seed, Feed and Household Use	Shrinkage and Loss			Production	Sales
	- - - - - - Thousand Hundredweight - - - - - -					-Dollars-	---Thousand Dollars---	
1979	18,240	1,710	320	2,500	15,420	3.25	59,280	50,115
1980	15,680	1,726	400	1,250	14,030	6.85	107,408	96,106
1981	20,125	1,784	405	2,610	17,110	4.05	81,506	69,296
1982	17,250	1,914	360	1,725	15,165	4.35	75,038	65,968
1983 3/	20,480	1,972	300	2,058	18,122	4.90	100,352	88,798

1/ Includes seed purchased and seed used on farms where grown. 2/ Consists of potatoes sold for all purposes including food, seed, processing and livestock seed. 3/ Preliminary.

POTATOES: Acreage, Yield, Production and Stocks, North Dakota 1980-1984

Crop Year	Harvested Acres	Yield per Acre	Production	Stocks on Hand					
				December 1	January 1	February 1	March 1	April 1	May 1
	(000)	(Cwt.)	(000 Cwt.)	- - - - - - - - - - Thousand Hundredweight - - - - - - - - - -					
					REDS				
1980	30.2	130	3,940	3,125	2,314	1,560	1,242	600	77
1981	28.8	164	4,730	3,450	2,964	2,350	1,584	1,104	437
1982	27.2	145	3,940	3,484	2,760	2,256	2,002	1,274	483
1983	28.5	154	4,383	3,150	2,790	2,060	1,640	1,300	625
1984 1/	26.0	153	3,978	3,366	2,580	1,750	1,100	730	430
					WHITES				
1980	70.6	141	9,960	6,185	5,251	3,770	2,254	960	280
1981	77.0	178	13,685	8,832	7,011	5,640	4,464	2,484	703
1982	72.1	154	11,120	7,839	6,843	5,170	3,850	2,254	861
1983	84.1	164	13,823	9,600	7,750	6,280	4,445	2,590	1,560
1984 1/	91.5	155	14,188	9,716	8,130	6,850	5,540	3,020	1,130
					RUSSETS				
1980	11.2	159	1,780	1,390	1,335	1,170	1,104	840	493
1981	9.2	186	1,710	1,518	1,425	1,410	1,152	1,012	760
1982	15.8	139	2,190	2,077	1,897	1,974	1,848	1,372	756
1983	15.4	148	2,274	2,250	2,160	1,960	1,715	910	215
1984 1/	15.5	158	2,449	2,218	2,190	2,100	1,760	1,350	940
					TOTAL				
1980	112.0	140	15,680	10,700	8,900	6,500	4,600	2,400	850
1981	115.0	175	20,125	13,800	11,400	9,400	7,200	4,600	1,900
1982	115.0	150	17,250	13,400	11,500	9,400	7,700	4,900	2,100
1983	128.0	160	20,480	15,000	12,700	10,300	7,800	4,800	2,400
1984 1/	133.0	155	20,615	15,300	12,900	10,700	8,400	5,100	2,500

1/ Preliminary.

VARIETIES
WHEAT

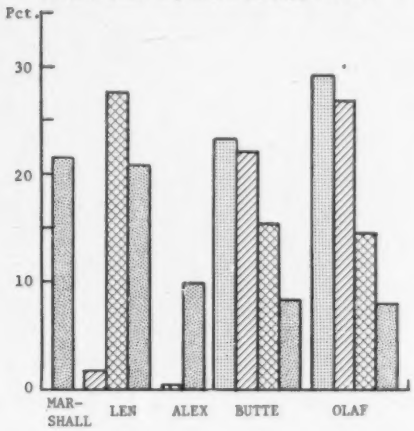
HARD RED SPRING WHEAT
Percent of Acreage Planted
by Varieties, North Dakota, 1978-84

Variety	1978	1979	1980	1982	1984
			Percent		
Marshall	-	-	-	1/	21.5
Len	-	-	1.7	27.6	20.6
Alex	-	-	-	.8	10.0
Butte	5.0	23.2	22.1	15.5	8.4
Olaf	35.0	29.2	26.9	14.7	8.0
Coteau	1/	1/	5.9	11.9	6.8
Waldron	28.3	22.7	18.5	10.3	6.7
Oslo	-	-	-	.5	5.4
Walera	-	-	-	2.2	3.0
Solar	-	2.0	7.4	6.5	2.0
Pion. 2369	-	-	-	-	1.1
Other & Unknown	31.7	22.9	17.5	10.0	6.5
All Varieties	100.0	100.0	100.0	100.0	100.0

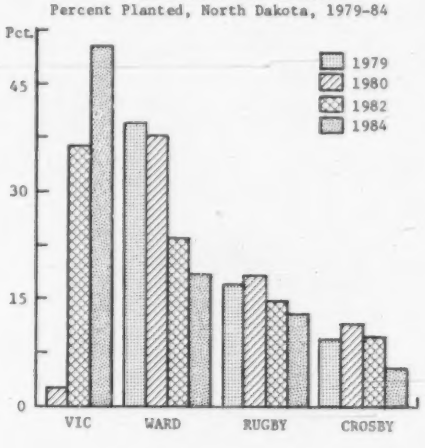
DURUM WHEAT
Percent of Acreage Planted
by Varieties, North Dakota, 1978-84

Variety	1978	1979	1980	1982	1984
			Percent		
Vic	-	1/	2.3	36.6	50.4
Ward	45.4	39.4	37.7	23.2	18.3
Rugby	13.2	17.3	18.7	15.1	13.3
Crosby	10.0	9.9	11.8	10.1	5.7
Cando	8.8	11.6	11.2	6.0	3.9
Rolette	8.8	6.5	6.2	2.3	2.0
Lloyd	-	-	-	-	1.8
Calvin	-	2.5	3.1	1.7	1.0
Other & Unknown	13.8	12.8	9.0	5.0	2.8
All Varieties	100.0	100.0	100.0	100.0	100.0

LEADING HARD RED SPRING WHEAT VARIETIES
Percent Planted, North Dakota, 1979-84



LEADING DURUM WHEAT VARIETIES
Percent Planted, North Dakota, 1979-84



Percent of Acreage Planted by Crop Reporting Districts, 1984, North Dakota

Variety	North-west	North Cent.	North-east	West Cent.	Cen-tral	East Cent.	South-west	South-Cent.	South-east	State
					Percent					
HARD RED SPRING WHEAT										
Marshall	6.8	8.4	52.2	3.3	20.9	33.4	9.8	5.1	19.3	21.5
Len	14.4	17.1	7.4	15.7	28.5	22.4	26.0	24.4	31.5	20.5
Alex	9.7	20.2	.6	28.8	7.4	2.0	22.7	13.5	2.8	10.0
Butte	10.9	20.7	8.9	4.0	9.0	12.9	3.5	5.2	4.6	8.4
Olaf	4.3	4.7	2.3	7.5	8.3	9.2	7.8	15.6	13.2	8.0
Coteau	8.7	8.7	3.2	12.0	8.9	3.1	9.2	9.1	4.1	6.8
Waldron	17.6	11.4	.4	13.4	4.9	.6	6.8	13.6	2.8	6.7
Oslo	1.7	.3	15.9	-	4.4	7.6	.5	1.0	6.1	5.4
Walera	15.5	.4	.2	3.5	2.3	.4	5.3	1.1	1.4	3.0
Solar	4.3	1.1	2.2	.9	.7	1.2	2.2	4.2	1.3	2.0
Pion. 2369	-	.5	1.0	.9	.9	1.6	.3	.1	4.2	1.1
Other & Unknown	6.1	6.5	5.7	10.0	3.8	5.6	5.9	7.1	8.7	6.6
DURUM WHEAT										
Vic	62.4	44.2	24.7	58.4	57.7	88.8	50.2	40.0	65.3	50.4
Ward	11.8	21.7	28.2	13.1	22.8	4.5	10.7	27.7	13.3	18.3
Rugby	1.4	27.3	25.2	.6	15.7	2.4	5.9	-	8.2	13.3
Crosby	14.7	.6	.7	12.6	-	-	.9	-	-	5.7
Cando	2.4	1.7	12.5	1.9	.7	1.4	-	-	1.3	3.9
Rolette	1.0	.4	3.2	4.7	.5	.8	13.1	-	.4	2.0
Lloyd	1.7	1.6	1.2	3.0	.8	1.1	3.0	3.4	4.0	1.8
Calvin	-	.5	1.1	3.8	-	-	9.4	-	-	1.0
Other & Unknown	4.6	2.0	3.2	1.9	1.8	1.0	6.8	28.9	7.5	3.6

1/ Less than .5% included in other and unknown.

WHEAT VARIETIES CONT.

WINTER WHEAT
Percent of Acreage Planted
by Varieties, North Dakota, 1978-84

Variety	1978	1979	1980	1982	1984
	- - - - - -		Percent		- - - - - -
Roughrider	20.0	49.6	59.3	74.8	77.5
Norstar	-	-	2.2	11.5	17.6
Winalta	3.3	3.2	4.4	4.5	.8
Agassiz	-	-	-	-	.7
Rose	-	-	-	-	.5
Winoka	9.1	5.0	8.9	8.2	1/
Froid	46.6	24.9	8.1	1/	1/
Minter	3.0	3.2	3.0	1/	-
Other & Unknown	18.0	14.1	14.1	1.0	2.9
All Varieties	100.0	100.0	100.0	100.0	100.0

1/ Less than 1.0% in 1982 and .5% in 1984, included in other and unknown.

WINTER WHEAT
Percent of Acreage Planted by Crop Reporting Districts, 1984, North Dakota

District	Roughrider	Norstar	Other & Unknown
		- - - - Percent - - - -	
Northwest	57.1	30.3	12.6
North Central	53.0	40.5	6.5
Northeast	78.4	14.3	7.3
West Central	66.2	31.2	2.6
Central	81.5	13.0	5.5
East Central	98.7	.2	1.1
Southwest	53.6	39.3	7.1
South Central	87.4	12.6	-
Southeast	83.1	12.6	4.3

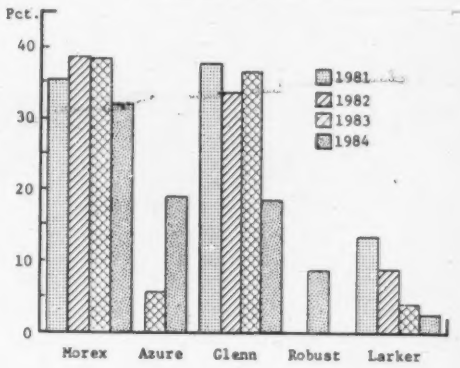
BARLEY

Percent of Acreage Planted by Varieties, 1980-84

Variety	1980	1981	1982	1983	1984
	- - - - - -		Percent		- - - - - -
Morex	38.2	35.2	38.7	38.3	31.9
Azure	-	-	1/	5.1	18.9
Glenn	22.5	37.7	33.7	36.5	18.4
Robust	-	-	-	1/	8.6
Hector	.6	1.5	2.7	4.3	6.5
Bedford	-	1/	.9	2.3	4.4
Bumper	-	1.6	3.8	3.0	3.6
Larker	18.7	13.5	8.8	3.8	2.2
Summit	.5	1/	.8	1/	.8
Beacon	9.3	3.9	2.4	.9	.6
Bonanza	.6	.9	1.8	1/	.5
Other & Unknown	9.6	5.7	6.4	5.8	3.6
All Varieties	100.0	100.0	100.0	100.0	100.0

1/ Less than 0.5 percent included in other and unknown.

LEADING BARLEY VARIETIES
Percent Planted,
North Dakota, 1981-84



Percent of Acreage Planted by Crop Reporting Districts,
1984, North Dakota

Variety	North-west	North Cent.	North-east	West Cent.	Cen-tral	East Cent.	South-west	South-Cent.	South-east	State
					- - - - - Percent - - - - -					
Morex	64.2	62.1	21.5	29.3	13.9	19.7	8.3	21.1	35.6	31.9
Azure	10.6	19.6	20.5	10.4	29.7	28.4	2.9	14.7	12.2	18.9
Glenn	1.6	7.0	23.0	8.9	25.0	32.2	7.7	13.5	24.0	18.4
Robust	2.7	4.1	12.7	-	9.5	12.9	1.4	.9	14.0	8.6
Hector	9.6	-	-	30.1	-	-	55.3	20.4	.5	6.5
Bedford	.6	-	15.4	.8	-	-	-	-	-	4.4
Bumper	3.2	1.9	2.3	-	10.2	4.1	.4	1.2	9.5	3.6
Larker	4.8	2.9	.4	4.5	3.2	.4	3.9	7.7	1.8	2.2
Summit	-	-	-	2.5	-	.1	12.3	1.2	-	.8
Beacon	-	.3	.7	1.8	.1	.7	-	3.0	-	.6
Bonanza	1.1	.1	.8	-	1.3	.1	.3	-	-	.5
Other & Unknown	1.6	2.0	2.7	11.7	7.1	1.4	7.5	16.3	2.4	3.6

ALL WHEAT: Acreage, Yield and Production by Counties,
North Dakota, 1980 and 1981 (Final)

District and County	1980					1981				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	210,200	197,100	19.8	21.1	4,153,100	203,400	201,400	24.2	24.4	4,912,600
Divide	266,200	253,500	21.2	22.2	5,631,500	254,800	253,700	27.2	27.3	6,938,300
Mountrail	292,500	268,000	18.2	19.9	5,331,000	290,500	287,100	26.5	26.8	7,704,100
Renville	196,600	179,700	18.4	20.1	3,611,400	229,700	227,500	29.0	29.3	6,659,800
Ward	406,500	354,600	16.3	18.7	6,644,800	433,300	431,000	30.4	30.5	13,160,000
Williams	369,000	331,600	14.4	16.0	5,297,200	379,300	368,800	27.6	28.4	10,467,000
Northwest	1,741,000	1,584,500	17.6	19.4	30,669,000	1,791,000	1,769,500	27.8	28.2	49,841,800
Benson	291,200	253,800	17.4	20.0	5,063,800	284,700	280,500	30.1	30.5	8,561,000
Bottineau	383,300	346,700	16.6	18.4	6,374,600	378,900	374,700	27.1	27.4	10,255,700
McHenry	266,800	226,200	13.8	16.3	3,677,000	243,900	239,700	29.0	29.5	7,063,800
Pierce	196,600	166,200	13.3	15.7	2,611,200	194,300	193,100	27.9	28.0	5,413,300
Rolette	150,100	133,100	17.9	20.2	2,693,400	152,700	150,500	29.9	30.3	4,563,500
North Central	1,288,000	1,126,000	15.9	18.1	20,420,000	1,254,500	1,238,500	28.6	29.0	35,857,300
Cavalier	420,000	385,000	22.9	25.0	9,624,000	410,800	408,800	30.9	31.0	12,677,600
Grand Forks	293,000	250,800	17.6	20.6	5,169,000	281,700	278,600	39.7	40.1	11,170,400
Nelson	241,100	222,100	15.2	16.5	3,665,500	245,800	243,800	34.8	35.0	8,542,000
Pembina	311,900	265,800	22.2	26.0	6,909,100	294,300	291,800	35.3	35.6	10,376,600
Ramsey	316,100	277,100	18.4	21.0	5,817,900	312,300	309,200	30.1	30.4	9,397,800
Towner	288,000	246,000	17.1	20.0	4,927,000	285,900	281,600	29.6	30.1	8,469,800
Walsh	355,900	277,700	16.5	21.2	5,882,500	339,700	335,700	36.1	36.5	12,267,800
Northeast	2,226,000	1,924,500	18.9	21.8	41,995,000	2,170,500	2,149,500	33.6	33.9	72,902,000
Dunn	144,500	72,600	5.1	10.2	738,600	142,900	136,700	18.6	19.4	2,652,000
McKenzie	205,000	117,000	6.2	10.8	1,262,200	198,500	192,500	22.3	23.0	4,424,000
McLean	424,500	366,900	14.0	16.2	5,947,700	405,600	396,100	26.3	26.9	10,672,000
Mercer	105,000	79,000	10.5	13.9	1,101,000	101,000	100,500	26.7	26.8	2,697,000
Oliver	61,000	42,000	8.7	12.6	528,000	61,000	60,200	23.5	23.8	1,435,000
West Central	940,000	677,500	10.2	14.1	9,577,500	909,000	886,000	24.1	24.7	21,880,000
Eddy	114,000	107,000	20.0	21.3	2,279,000	108,500	106,400	25.3	25.8	2,747,800
Foster	139,000	112,000	16.8	20.9	2,339,000	155,500	152,900	31.7	32.2	4,927,800
Kidder	120,000	74,000	6.5	10.6	781,000	129,900	127,800	24.5	24.9	3,181,000
Sheridan	167,000	132,000	12.3	15.6	2,058,000	164,400	162,900	28.2	28.5	4,639,000
Stutsman	435,000	345,000	13.4	16.9	5,835,000	442,300	438,100	30.2	30.5	13,372,200
Wells	315,500	260,450	17.8	21.5	5,604,300	283,400	280,400	29.8	30.2	8,459,000
Central	1,290,500	1,030,450	14.6	18.3	18,896,300	1,284,000	1,268,500	29.1	29.4	37,326,800
Barnes	338,500	305,000	15.6	17.4	5,294,000	341,700	338,600	30.9	31.2	10,564,000
Cass	429,500	416,000	24.9	25.7	10,697,900	401,600	397,400	34.2	34.6	13,743,600
Griggs	150,000	138,000	16.6	18.0	2,487,000	147,500	145,300	30.9	31.3	4,554,300
Steele	160,100	154,100	20.1	20.9	3,221,600	166,800	162,500	35.5	36.4	5,920,100
Traill	186,900	180,400	27.9	28.9	5,209,000	183,900	181,700	38.8	39.2	7,128,300
East Central	1,265,000	1,193,500	21.3	22.5	26,909,500	1,241,500	1,225,500	33.8	34.2	41,910,300
Adams	145,000	77,200	5.0	9.3	719,200	167,200	150,200	14.9	16.5	2,484,200
Billings	39,000	15,500	3.9	9.7	151,000	43,900	37,100	12.0	14.2	526,800
Bowman	132,000	87,000	7.1	10.8	937,850	138,800	120,000	13.2	15.3	1,832,000
Golden Valley	97,000	49,000	5.0	9.8	482,000	107,000	96,200	17.1	19.0	1,827,800
Hettinger	254,000	165,000	6.6	10.2	1,679,000	273,400	259,200	19.8	20.9	5,424,200
Slope	108,000	58,800	6.2	11.3	665,000	119,200	114,800	21.6	22.4	2,568,800
Stark	204,000	139,000	8.3	12.2	1,695,000	216,000	202,000	16.3	17.4	3,519,500
Southwest	979,000	591,500	6.5	10.7	6,329,050	1,065,500	979,500	17.1	18.6	18,183,300
Burleigh	213,500	100,150	5.2	11.1	1,108,800	209,400	203,300	22.1	22.8	4,630,800
Emmons	210,500	95,500	4.0	8.8	839,550	239,300	231,200	21.2	21.9	5,072,300
Grant	140,800	94,200	7.5	11.2	1,054,400	151,700	145,600	21.4	22.3	3,242,400
Morton	154,400	79,100	6.7	13.1	1,037,600	167,300	154,700	21.2	22.9	3,541,800
Sioux	44,300	32,100	6.2	8.5	273,300	55,300	52,700	15.3	16.0	845,200
South Central	763,500	401,050	5.6	10.8	4,313,650	823,000	787,500	21.1	22.0	17,332,500
Dickey	168,000	157,000	15.4	16.5	2,593,000	173,400	166,800	19.2	20.0	3,331,900
LaMoure	247,100	225,100	16.3	17.9	4,034,800	247,900	243,900	22.9	23.3	5,674,000
Logan	140,100	103,000	8.1	11.1	1,139,000	145,400	143,400	23.2	23.5	3,369,000
McIntosh	160,200	111,100	5.4	7.8	868,800	180,400	178,400	21.1	21.3	3,808,000
Ransom	132,000	126,600	15.9	16.6	2,097,000	136,900	135,300	27.3	27.6	3,732,400
Richland	243,500	222,200	25.7	28.1	6,252,400	249,400	247,400	34.8	35.1	8,679,000
Sargent	151,100	146,000	23.5	24.3	3,555,000	152,600	150,300	29.0	29.5	4,431,700
Southeast	1,242,000	1,091,000	16.5	18.8	20,540,000	1,286,000	1,265,500	25.7	26.1	33,026,000
STATE	11,735,000	9,620,000	15.3	18.7	179,650,000	11,825,000	11,570,000	27.8	28.4	328,260,000

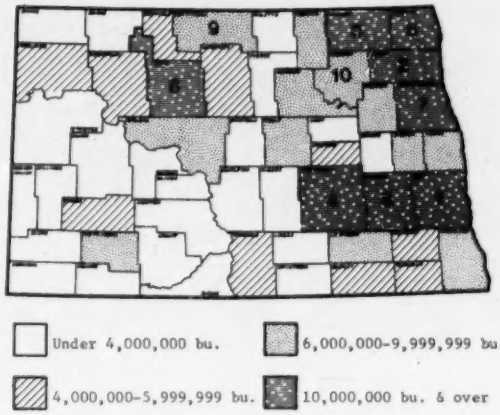
ALL WHEAT: Acreage, Yield and Production by Counties,
North Dakota, 1982 (Final) and 1983 (Revised)

District and County	1982					1983				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	183,000	178,900	24.9	25.5	4,558,500	139,000	138,800	25.4	25.5	3,535,500
Divide	232,000	228,800	27.9	28.3	6,469,000	180,000	178,000	23.4	23.7	4,210,800
Mountrail	266,000	238,800	29.2	32.5	7,764,000	205,000	202,000	23.7	24.0	4,853,000
Renville	208,500	206,000	32.8	33.2	6,844,000	140,000	140,000	29.0	29.0	4,057,000
Ward	402,500	396,500	32.3	32.8	13,007,500	285,000	281,800	30.1	30.5	8,587,200
Williams	349,000	340,000	28.7	29.5	10,027,000	289,000	287,900	21.4	21.5	6,187,800
Northwest	1,641,000	1,589,000	29.7	30.6	48,670,000	1,238,000	1,228,500	25.4	25.6	31,431,300
Benson	254,000	251,500	32.0	32.3	8,133,000	175,000	173,500	26.2	26.4	4,576,300
Bottineau	337,000	334,000	32.9	33.2	11,074,000	240,000	235,200	29.3	29.8	7,020,500
McHenry	212,500	210,000	30.6	31.0	6,512,000	139,500	138,200	26.1	26.3	3,638,000
Pierce	168,500	167,000	30.8	31.1	5,189,000	114,500	113,300	23.2	23.4	2,655,800
Rolette	129,000	127,500	33.0	33.4	4,258,000	90,000	89,800	25.0	25.0	2,247,400
North Central	1,101,000	1,090,000	31.9	32.3	35,166,000	759,000	750,000	26.5	26.9	20,138,000
Cavalier	394,000	390,800	37.4	37.7	14,732,800	254,500	252,300	30.2	30.5	7,696,200
Grand Forks	279,000	276,700	40.2	40.6	11,227,700	194,000	193,400	35.8	35.9	6,938,000
Nelson	230,000	227,000	37.5	38.0	8,632,000	150,000	148,800	29.1	29.3	4,366,900
Pembina	284,000	280,000	39.6	40.2	11,242,000	179,000	178,700	36.3	36.4	6,502,900
Ramsey	307,000	301,000	32.1	32.7	9,855,000	189,000	187,700	27.1	27.4	5,123,600
Towner	273,000	264,000	33.8	34.9	9,223,000	170,000	166,300	25.4	26.0	4,317,000
Walsh	320,000	309,500	35.5	36.7	11,366,500	209,500	209,400	33.1	33.1	6,933,400
Northeast	2,087,000	2,049,000	36.5	37.2	76,279,000	1,346,000	1,336,000	31.1	31.3	41,878,000
Dunn	125,500	123,000	24.2	24.7	3,037,600	105,000	94,900	19.8	21.9	2,082,400
McKenzie	166,000	162,600	29.6	30.2	4,916,400	138,500	136,700	23.7	24.0	3,285,300
McLean	348,500	326,000	29.7	31.8	10,352,000	254,500	244,400	25.0	26.0	6,358,800
Mercer	96,000	94,500	28.9	29.3	2,773,000	60,000	55,000	23.1	25.2	1,388,000
Oliver	55,000	54,900	30.6	30.6	1,682,000	40,000	40,000	24.5	24.5	980,000
West Central	791,000	761,000	28.8	29.9	22,761,000	598,000	571,000	23.6	24.7	14,094,500
Eddy	91,000	89,900	32.9	33.3	2,991,000	65,000	64,900	24.3	24.3	1,576,600
Foster	130,500	129,000	33.0	33.3	4,302,000	95,000	89,000	26.4	28.2	2,511,000
Kidder	100,500	99,900	24.2	24.4	2,435,600	75,000	75,000	21.3	21.3	1,601,000
Sheridan	136,500	127,400	25.6	27.5	3,497,200	90,000	90,000	24.9	24.9	2,241,500
Stutsman	382,500	380,400	32.0	32.2	12,248,000	269,000	256,200	23.9	25.1	6,429,900
Wells	240,000	233,900	32.3	33.2	7,763,900	175,000	173,400	27.8	28.0	4,858,800
Central	1,081,000	1,060,500	30.7	31.3	33,237,700	769,000	748,500	25.0	25.7	19,218,800
Barnes	320,000	317,700	34.0	34.3	10,883,500	214,000	208,100	27.0	27.8	5,779,400
Cass	355,000	349,900	38.7	39.3	13,751,800	251,000	239,500	32.2	33.7	8,079,800
Griggs	135,000	133,900	36.9	37.2	4,986,700	85,000	84,900	27.7	27.7	2,355,100
Steele	159,000	157,600	39.5	39.9	6,282,100	109,000	108,000	30.2	30.5	3,289,500
Traill	174,000	172,900	43.3	43.5	7,527,900	125,000	124,500	35.0	35.2	4,377,300
East Central	1,143,000	1,132,000	38.0	38.4	43,432,000	784,000	765,000	30.5	31.2	23,881,100
Adams	138,500	133,500	21.4	22.2	2,959,000	89,500	89,200	24.5	24.6	2,194,400
Billings	35,500	34,700	20.7	21.2	735,200	30,000	29,400	20.1	20.5	602,000
Bowman	131,000	120,000	20.0	21.8	2,615,200	83,500	75,200	20.4	22.6	1,701,300
Golden Valley	88,000	81,700	22.5	24.2	1,981,200	59,500	52,500	17.0	19.2	1,010,000
Hettinger	229,000	221,600	24.2	25.0	5,541,800	160,000	153,700	25.9	27.0	4,149,700
Slope	117,000	114,000	27.2	27.9	3,184,000	69,500	62,200	21.8	24.4	1,515,500
Stark	182,000	173,500	21.9	23.0	3,988,100	124,000	123,800	24.7	24.8	3,068,600
Southwest	921,000	879,000	22.8	23.9	21,004,500	616,000	586,000	23.1	24.3	14,241,500
Burleigh	158,000	153,300	25.0	25.8	3,951,500	114,500	108,400	20.0	21.2	2,294,000
Emmons	211,500	210,000	21.3	21.4	4,499,000	139,000	137,000	19.8	20.1	2,755,000
Grant	127,000	122,200	23.3	24.3	2,963,400	89,000	83,900	24.6	26.1	2,189,000
Morton	148,000	146,400	26.2	26.5	3,884,000	110,000	89,700	18.8	23.1	2,069,800
Sioux	42,500	41,100	19.9	20.6	845,900	29,500	26,500	18.0	20.0	530,500
South Central	687,000	673,000	23.5	24.0	16,143,800	482,000	445,500	20.4	22.1	9,838,300
Dickey	123,000	122,200	22.7	22.9	2,792,400	104,000	103,600	22.5	22.6	2,336,900
LaMoure	202,500	201,500	31.1	31.3	6,304,000	150,000	148,600	23.2	23.5	3,486,800
Logan	126,000	125,400	25.8	26.0	3,256,000	85,000	85,000	19.0	19.0	1,615,000
McIntosh	152,000	151,200	20.7	20.8	3,149,000	105,000	105,000	20.4	20.4	2,141,000
Ransom	120,500	119,900	25.4	25.5	3,061,200	84,500	84,000	27.6	27.8	2,335,400
Richland	214,000	212,000	29.9	30.2	6,401,000	150,000	149,900	33.1	33.1	4,961,900
Sargent	135,000	134,300	23.5	23.7	3,177,400	99,500	98,400	25.4	25.7	2,531,500
Southeast	1,073,000	1,066,500	26.2	26.4	28,141,000	778,000	774,500	24.9	25.1	19,408,500
STATE	10,525,000	10,300,000	30.9	31.5	324,835,000	7,370,000	7,205,000	26.3	26.9	194,130,000

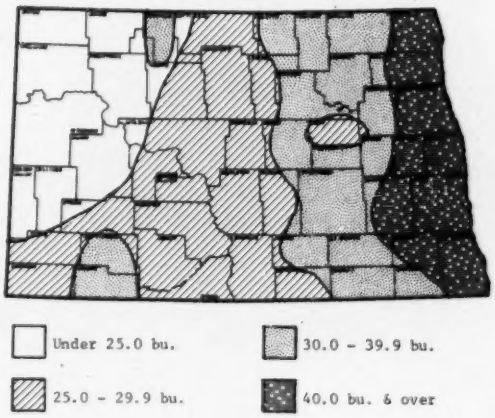
ALL WHEAT: Acreage, Yield and Production
by Counties, North Dakota, 1984 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	160,000	154,500	21.7	22.4	3,467,000
Divide	183,000	178,800	14.9	15.3	2,732,400
Mountrail	209,000	204,200	21.0	21.5	4,395,600
Renville	173,500	172,000	31.7	31.9	5,492,000
Ward	360,500	357,600	28.7	28.9	10,350,400
Williams	279,000	270,000	15.1	15.6	4,222,000
Northwest	1,365,000	1,337,100	22.5	22.9	30,659,400
Benson	212,000	209,700	30.3	30.6	6,413,700
Bottineau	301,000	293,700	26.3	27.0	7,916,000
McHenry	165,000	164,900	25.3	25.4	4,182,000
Pierce	144,500	143,200	26.6	26.9	3,846,800
Rolette	112,500	109,500	29.3	30.1	3,300,000
North Central	935,000	921,000	27.4	27.9	25,658,500
Cavalier	294,000	291,900	39.6	39.8	11,629,200
Grand Forks	216,000	210,500	48.0	49.3	10,371,000
Nelson	180,000	178,400	38.4	38.8	6,920,600
Pembina	225,000	224,600	50.1	50.2	11,278,200
Ramsey	234,000	230,200	33.6	34.2	7,861,600
Towner	222,000	217,600	30.4	31.0	6,747,400
Walsh	251,000	247,600	49.8	50.4	12,490,600
Northeast	1,622,000	1,600,800	41.5	42.0	67,298,600
Dunn	121,000	118,800	24.3	24.7	2,935,800
McKenzie	137,000	128,700	20.0	21.3	2,735,100
McLean	291,500	286,800	26.6	27.0	7,749,700
Mercer	79,000	77,000	25.4	26.1	2,009,000
Oliver	42,500	42,400	27.6	27.6	1,172,000
West Central	671,000	653,700	24.7	25.4	16,601,600
Eddy	71,000	70,900	28.7	28.7	2,034,400
Foster	111,000	110,900	36.2	36.3	4,023,600
Kidder	90,000	89,000	25.2	25.5	2,271,900
Sheridan	114,500	112,100	25.7	26.2	2,937,700
Stutsman	337,500	330,900	34.2	34.8	11,527,700
Wells	211,000	208,700	31.7	32.1	6,693,700
Central	935,000	922,500	31.5	32.0	29,489,000
Barnes	276,500	272,600	40.1	40.7	11,087,400
Cass	290,500	288,000	48.7	49.2	14,159,200
Griggs	105,000	102,800	35.6	36.4	3,742,900
Steele	140,000	138,400	44.2	44.8	6,193,400
Traill	146,000	145,100	47.9	48.2	6,995,400
East Central	958,000	946,900	44.0	44.5	42,178,300
Adams	109,500	104,200	30.0	31.5	3,285,000
Billings	35,000	32,300	19.5	21.2	683,400
Bowman	103,000	100,900	25.7	26.2	2,646,400
Golden Valley	70,000	66,600	21.7	22.8	1,519,000
Hettinger	205,000	202,800	33.7	34.0	6,903,000
Slope	89,000	88,200	29.2	29.5	2,598,000
Stark	167,500	165,100	27.5	27.9	4,611,600
Southwest	779,000	760,100	28.6	29.3	22,246,400
Burleigh	140,500	139,700	25.2	25.4	3,545,300
Emmons	182,000	181,800	28.5	28.5	5,179,000
Grant	106,500	99,500	24.4	26.1	2,598,000
Morton	135,000	128,700	24.4	25.6	3,292,300
Sioux	46,000	35,300	21.9	28.6	1,009,400
South Central	610,000	585,000	25.6	26.7	15,624,000
Dickey	129,000	123,400	33.7	35.2	4,349,400
LaMoure	183,000	181,200	36.7	37.0	6,707,600
Logan	99,000	99,000	30.3	30.3	2,999,500
McIntosh	125,000	125,000	28.8	28.8	3,605,800
Ransom	104,000	103,000	39.9	40.3	4,152,000
Richland	180,000	179,500	43.4	43.5	7,804,000
Sargent	125,000	121,800	38.5	39.5	4,815,900
Southeast	945,000	932,900	36.4	36.9	34,434,200
STATE	8,820,000	8,660,000	32.2	32.8	284,190,000

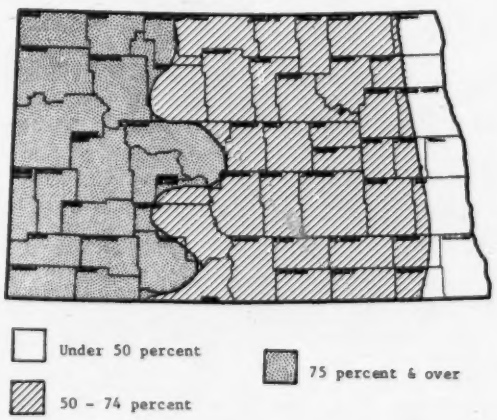
ALL WHEAT, 1984 - Production by Counties,
(Rank of First Ten Counties Shown)



ALL WHEAT, 1984 - Yield per Harvested Acre
(Bushels)



ALL WHEAT - 1984
Percent Planted on Summer Fallow
(Percent)



ALL WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1980 (Final) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	183,800	179,100	21.6	22.2	3,973,100	26,400	18,000	6.8	10.0	180,000
Divide	233,900	226,200	22.6	23.3	5,276,000	31,600	26,600	10.4	12.3	327,500
Mountrail	262,700	245,000	19.3	20.7	5,073,000	29,800	23,000	8.7	11.2	258,000
Renville	136,100	131,400	22.2	23.0	3,023,400	60,500	48,300	9.7	12.2	588,000
Ward	239,400	232,300	22.2	22.8	5,302,800	166,600	121,800	8.0	10.9	1,327,500
Williams	349,800	321,000	14.7	16.0	5,127,700	16,100	7,500	2.8	6.0	45,000
Northwest	1,405,700	1,335,000	19.8	20.8	27,776,000	331,000	245,200	8.2	11.1	2,726,000
Benson	181,000	167,000	20.7	22.4	3,746,000	109,200	85,800	11.7	14.9	1,279,800
Bottineau	238,200	225,600	20.6	21.8	4,910,600	145,100	121,100	10.1	12.1	1,464,000
McHenry	164,600	147,800	16.9	18.8	2,782,800	101,800	78,000	8.7	11.3	883,800
Pierce	120,900	112,100	15.9	17.2	1,924,200	75,700	54,100	9.1	12.7	687,000
Rolette	95,600	91,700	21.8	22.7	2,080,400	54,500	41,400	11.2	14.8	613,000
North Central	800,300	744,200	19.3	20.8	15,444,000	486,300	380,400	10.1	13.0	4,927,600
Cavalier	180,000	173,000	28.5	29.6	5,126,000	240,000	212,000	18.7	21.2	4,498,000
Grand Forks	95,400	90,500	27.0	28.5	2,580,500	197,300	160,000	13.0	16.1	2,573,500
Nelson	106,500	104,100	20.7	21.2	2,206,500	134,600	118,000	10.8	12.4	1,459,000
Pembina	65,400	55,300	27.3	32.3	1,788,100	246,300	210,300	20.8	24.3	5,111,000
Ramsey	143,600	130,600	23.3	25.6	3,348,900	172,500	146,500	14.3	16.9	2,469,000
Towner	139,500	134,000	23.9	24.9	3,336,000	148,500	112,000	10.7	14.2	1,591,000
Walsh	114,900	105,200	22.9	25.0	2,629,000	241,000	172,500	13.5	18.9	3,253,500
Northeast	845,300	792,700	24.9	26.5	21,015,000	1,380,200	1,131,300	15.2	18.5	20,955,000
Dunn	111,000	66,600	6.3	10.5	699,100	33,500	6,000	1.2	6.6	39,500
McKenzie	185,400	108,100	5.7	9.8	1,054,600	15,600	5,200	2.6	7.9	41,100
McLean	309,100	289,800	17.1	18.2	5,285,800	113,100	74,900	5.2	7.9	591,800
Mercer	70,500	60,400	13.2	15.5	934,000	34,300	18,500	4.8	8.9	164,500
Oliver	40,800	29,800	10.6	14.5	431,600	20,200	12,200	4.8	7.9	96,400
West Central	716,800	554,700	11.7	15.2	8,405,100	216,700	116,800	4.3	8.0	933,300
Eddy	35,300	33,900	27.1	28.2	957,400	78,700	73,100	16.8	18.1	1,321,600
Foster	66,400	58,000	23.9	27.3	1,585,600	71,400	53,200	10.4	13.9	740,200
Kidder	45,200	35,100	11.0	14.2	499,100	74,300	38,400	3.5	6.9	263,600
Sheridan	105,800	96,600	16.3	17.9	1,729,000	61,200	35,400	5.4	9.3	329,000
Stutsman	198,000	162,000	17.1	20.9	3,382,000	236,800	183,000	10.4	13.4	2,453,000
Wells	148,300	131,300	22.2	25.1	3,296,100	167,200	129,150	13.8	17.9	2,308,200
Central	599,000	516,900	19.1	22.1	11,449,200	689,600	512,250	10.8	14.5	7,415,600
Barnes	92,000	82,800	23.0	25.5	2,112,800	245,800	221,700	12.9	14.3	3,167,200
Cass	29,100	28,200	35.8	37.0	1,043,100	399,300	386,900	24.1	24.8	9,611,600
Griggs	56,300	54,600	24.3	25.0	1,367,300	92,800	82,500	11.7	13.2	1,088,500
Steele	44,500	44,000	30.1	30.4	1,338,600	115,600	110,100	16.3	17.1	1,883,000
Traill	32,600	30,100	34.1	37.0	1,113,000	154,000	150,000	26.5	27.2	4,081,000
East Central	254,500	239,700	27.4	29.1	6,974,800	1,007,500	951,200	19.7	20.8	19,831,300
Adams	116,200	65,400	5.6	10.0	654,200	28,800	11,800	2.3	5.5	65,000
Billings	34,700	14,300	4.2	10.1	144,400	4,300	1,200	1.5	5.5	6,600
Bowman	114,400	82,800	8.0	11.0	911,850	17,600	4,200	1.5	6.2	26,000
Golden Valley	81,200	44,400	5.7	10.4	460,000	15,800	4,600	1.4	4.8	22,000
Hettinger	204,200	153,500	7.8	10.4	1,598,000	49,800	11,500	1.6	7.0	81,000
Slope	99,000	55,800	6.5	11.5	640,000	9,000	3,000	2.8	8.3	25,000
Stark	158,700	126,500	10.2	12.8	1,618,000	45,300	12,500	1.7	6.2	77,000
Southwest	808,400	542,700	7.5	11.1	6,026,450	170,600	48,800	1.8	6.2	302,600
Burleigh	78,300	56,550	10.5	14.6	823,800	134,800	43,200	2.0	6.3	271,000
Emmons	83,200	53,400	7.1	11.1	592,550	127,300	42,100	1.9	5.9	247,000
Grant	110,400	83,700	8.9	11.8	984,900	30,300	10,400	2.2	6.4	66,500
Morton	95,300	64,300	9.6	14.2	913,100	59,000	14,700	2.1	8.3	121,500
Sioux	21,700	17,200	8.8	11.1	190,500	22,400	14,700	3.4	5.2	76,800
South Central	388,900	275,150	9.0	12.7	3,504,850	373,800	125,100	2.1	6.3	782,800
Dickey	21,200	20,500	21.1	21.8	446,500	146,100	135,800	14.5	15.6	2,114,000
LaMoure	68,100	64,100	21.8	23.2	1,485,400	178,500	160,500	14.2	15.8	2,533,000
Logan	52,300	50,000	15.7	16.5	823,000	87,800	53,000	3.6	6.0	316,000
McIntosh	56,700	47,800	9.5	11.2	536,800	103,500	63,300	3.2	5.2	332,000
Ransom	15,900	14,100	27.8	31.3	442,000	116,000	112,400	14.3	14.7	1,653,000
Richland	22,700	16,600	25.0	34.2	567,200	220,800	205,600	25.7	27.7	5,685,200
Sargent	19,400	18,800	29.7	30.6	575,500	131,700	127,200	22.6	23.4	2,979,500
Southeast	256,300	231,900	19.0	21.0	4,876,400	984,400	857,800	15.9	18.2	15,612,700
STATE	6,075,200	5,232,950	17.4	20.2	105,471,800	5,640,100	4,368,850	13.0	16.8	73,486,900

1/ See page 99 for irrigated acres.

ALL WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1981 (Final) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	176,600	174,600	24.5	24.8	4,335,000	26,800	26,800	21.6	21.6	577,600
Divide	240,800	239,800	27.3	27.4	6,567,600	12,000	11,900	21.9	22.1	262,700
Mountrail	249,600	247,300	26.6	26.9	6,641,400	40,900	39,800	26.0	26.7	1,062,700
Renville	155,900	154,700	29.4	29.7	4,587,100	73,800	72,800	28.1	28.5	2,072,700
Ward	280,600	279,300	31.0	31.1	8,686,200	152,300	151,300	29.3	29.5	4,455,800
Williams	356,300	346,000	27.6	28.4	9,820,400	19,500	19,300	24.3	24.6	474,600
Northwest	1,459,800	1,441,700	27.8	28.2	40,637,700	325,300	321,900	27.4	27.7	8,906,100
Benson	139,100	137,900	29.6	29.8	4,112,900	145,100	142,100	30.5	31.2	4,429,600
Bottineau	269,900	267,200	28.3	28.6	7,640,700	109,000	107,500	24.0	24.3	2,615,000
McHenry	158,400	155,800	29.6	30.1	4,689,100	85,300	83,700	27.7	28.3	2,366,700
Pierce	112,600	112,000	29.4	29.6	3,314,700	81,600	81,000	25.7	25.9	2,094,600
Rolette	86,700	85,600	30.7	31.1	2,662,100	66,000	64,900	28.8	29.3	1,901,400
North Central	766,700	758,500	29.2	29.6	22,419,500	487,000	479,200	27.5	28.0	13,407,300
Cavalier	152,100	151,600	31.7	31.8	4,824,900	258,700	257,200	30.4	30.5	7,952,700
Grand Forks	68,500	67,400	41.2	41.9	2,824,600	213,000	211,000	39.1	39.5	8,335,800
Nelson	96,700	95,700	35.0	35.4	3,385,600	148,900	147,900	34.6	34.8	5,148,400
Pembina	46,400	46,100	37.2	37.4	1,725,400	247,900	245,700	34.9	35.2	8,651,200
Ramsey	155,300	153,800	29.9	30.2	4,639,800	157,000	155,400	30.3	30.6	4,758,000
Towner	152,500	149,500	30.0	30.6	4,578,000	133,400	132,100	29.2	29.5	3,891,800
Walsh	125,700	124,700	34.3	34.6	4,315,200	214,000	211,000	37.2	37.7	7,952,600
Northeast	797,200	788,800	33.0	33.3	26,293,500	1,372,900	1,360,300	33.9	34.3	46,590,500
Dunn	105,700	101,100	19.7	20.6	2,086,400	37,100	35,500	15.1	15.8	561,600
McKenzie	186,100	180,200	21.7	22.4	4,031,200	8,100	8,000	19.3	19.5	156,300
McLean	292,300	285,900	27.3	27.9	7,981,300	111,700	108,600	23.4	24.1	2,618,700
Mercer	71,900	71,500	27.0	27.2	1,942,000	28,800	28,700	25.8	25.9	743,000
Oliver	32,500	32,100	25.1	25.4	815,000	28,400	28,000	21.7	22.0	616,000
West Central	688,500	670,800	24.5	25.1	16,855,900	214,100	208,800	21.9	22.5	4,695,600
Eddy	29,600	28,800	30.1	31.0	891,700	78,700	77,400	23.5	23.9	1,850,100
Foster	55,400	54,700	33.3	33.7	1,843,000	99,000	97,100	30.8	31.4	3,046,300
Kidder	60,500	59,600	26.3	26.7	1,593,200	69,100	67,900	22.8	23.2	1,577,300
Sheridan	120,500	119,600	29.3	29.5	3,531,100	43,900	43,300	25.2	25.6	1,107,900
Stutsman	173,600	172,500	32.9	33.1	5,705,300	268,500	265,400	28.5	28.9	7,659,900
Wells	128,400	126,900	31.9	32.2	4,091,300	155,000	153,500	28.2	28.5	4,367,700
Central	568,000	562,100	31.1	31.4	17,655,600	714,200	704,600	27.5	27.8	19,609,200
Barnes	66,200	65,200	33.1	33.6	2,190,200	275,400	273,300	30.4	30.6	8,369,300
Cass	17,500	16,400	34.8	37.1	609,200	382,800	379,700	34.1	34.4	13,070,900
Griggs	50,500	49,900	35.1	35.5	1,770,600	96,500	94,900	28.6	29.1	2,764,200
Steele	33,200	32,800	36.9	37.3	1,224,100	133,400	129,500	35.1	36.2	4,686,000
Traill	22,100	22,100	37.3	37.3	823,800	161,800	159,600	39.0	39.5	6,304,500
East Central	189,500	186,400	34.9	35.5	6,617,900	1,049,900	1,037,000	33.5	33.9	35,194,900
Adams	138,100	125,200	16.3	18.0	2,250,600	29,100	25,000	8.0	9.3	233,600
Billings	37,200	31,600	12.6	14.9	469,500	6,700	5,500	8.6	10.4	57,300
Bowman	119,600	106,300	14.2	15.9	1,694,700	19,200	13,700	7.2	10.0	137,300
Golden Valley	91,300	82,700	17.5	19.3	1,596,900	15,700	13,500	14.7	17.1	230,900
Hettinger	223,100	211,500	21.0	22.2	4,694,400	50,300	47,700	14.5	15.3	729,800
Slope	104,700	101,400	22.6	23.3	2,365,000	14,500	13,400	14.1	15.2	203,800
Stark	168,600	157,700	17.4	18.7	2,941,800	47,400	44,300	12.2	13.0	577,700
Southwest	882,600	816,400	18.1	19.6	16,012,900	182,900	163,100	11.9	13.3	2,170,400
Burleigh	121,200	117,700	24.6	25.4	2,985,800	87,500	84,900	18.5	19.1	1,620,500
Emmons	59,100	57,500	25.1	25.8	1,486,300	180,000	173,500	19.9	20.6	3,580,000
Grant	107,100	106,100	24.3	24.5	2,597,400	44,500	39,400	14.4	16.3	642,000
Morton	118,200	109,800	23.1	24.9	2,730,300	49,100	44,900	16.5	18.1	811,500
Sioux	37,300	36,200	17.1	17.6	638,200	18,000	16,500	11.5	12.5	207,000
South Central	442,900	427,300	23.6	24.4	10,438,000	379,100	359,200	18.1	19.1	6,861,000
Dickey	19,500	19,200	27.8	28.3	542,600	153,300	147,000	18.0	18.8	2,764,300
LaMoure	64,900	64,300	28.9	29.2	1,878,200	182,400	179,000	20.7	21.1	3,774,800
Logan	66,200	65,200	26.6	27.0	1,760,300	79,200	78,200	20.3	20.6	1,608,700
McIntosh	53,300	52,800	23.8	24.0	1,269,700	127,100	125,600	20.0	20.2	2,538,300
Ransom	17,900	17,300	32.8	34.0	588,000	117,900	116,900	26.3	26.5	3,095,400
Richland	12,100	12,100	32.5	32.5	393,000	237,300	235,300	34.9	35.2	8,286,000
Sargent	8,000	8,000	36.9	36.9	294,800	144,200	141,900	28.6	29.0	4,120,900
Southeast	241,900	238,900	27.8	28.2	6,726,600	1,041,400	1,023,900	25.1	25.6	26,188,400
STATE	6,037,100	5,890,900	27.1	27.8	163,657,600	5,766,800	5,658,000	28.4	28.9	163,623,400

1/ See page 100 for irrigated acres.

ALL WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1982 (Final) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	160,100	156,400	25.3	25.9	4,052,200	22,900	22,500	22.1	22.5	506,300
Divide	215,800	213,200	28.1	28.4	6,053,500	14,900	14,300	22.6	23.6	337,000
Mountrail	228,500	205,200	29.4	32.7	6,714,300	37,500	33,600	28.0	31.2	1,049,700
Renville	136,300	135,100	34.5	34.8	4,707,000	72,200	70,900	29.6	30.1	2,137,000
Ward	215,900	212,100	33.9	34.5	7,317,500	186,500	184,300	30.5	30.9	5,685,800
Williams	308,600	300,900	29.0	29.7	8,945,000	37,600	36,300	25.1	26.0	942,000
Northwest	1,265,200	1,222,900	29.9	30.9	37,789,500	371,600	361,900	28.7	29.4	10,657,800
Benson	97,400	96,400	33.4	33.8	3,256,900	156,000	154,500	31.1	31.4	4,849,100
Bottineau	161,000	159,900	33.7	34.0	5,432,700	176,000	174,100	32.1	32.4	5,641,300
McHenry	125,500	123,700	32.8	33.3	4,119,500	87,000	86,300	27.5	27.7	2,392,500
Pierce	81,300	80,800	33.6	33.8	2,728,100	87,200	86,200	28.2	28.5	2,460,900
Rolette	59,600	58,900	33.6	34.0	2,002,500	69,400	68,600	32.5	32.9	2,255,500
North Central	524,800	519,700	33.4	33.7	17,539,700	575,600	569,700	30.6	30.9	17,599,300
Cavalier	91,700	90,300	37.1	37.7	3,404,900	302,300	300,500	37.5	37.7	11,327,900
Grand Forks	52,600	52,500	43.9	43.9	2,306,600	225,900	223,700	39.4	39.8	8,893,600
Nelson	81,200	80,200	39.2	39.7	3,180,100	148,800	146,800	36.6	37.1	5,451,900
Pembina	43,000	42,200	39.6	40.4	1,704,000	241,000	237,800	39.6	40.1	9,538,000
Ramsey	114,600	112,800	32.7	33.2	3,749,200	192,400	188,200	31.7	32.4	6,105,800
Towner	89,200	86,700	34.9	35.9	3,113,600	183,800	177,300	33.2	34.5	6,109,400
Walsh	54,000	52,500	32.0	32.9	1,729,100	266,000	257,000	36.2	37.5	9,637,400
Northeast	526,300	517,200	36.5	37.1	19,187,500	1,560,200	1,531,300	36.6	37.3	57,064,000
Dunn	81,400	80,100	25.8	26.3	2,103,800	44,100	42,900	21.2	21.8	933,800
McKenzie	125,800	123,300	30.7	31.3	3,863,700	35,600	34,700	21.9	22.5	780,700
McLean	230,000	222,000	31.7	32.8	7,286,200	116,900	102,400	25.5	29.1	2,982,000
Mercer	79,100	78,100	29.5	29.8	2,331,000	16,700	16,200	25.9	26.7	433,000
Oliver	34,700	34,700	32.8	32.8	1,139,000	20,300	20,200	26.7	26.9	543,000
West Central	551,000	538,200	30.4	31.1	16,723,700	233,600	216,400	24.3	26.2	5,672,500
Eddy	31,200	31,000	35.6	35.8	1,109,600	59,600	58,700	31.4	31.9	1,871,400
Foster	27,800	27,600	34.9	35.2	970,900	102,000	100,700	32.3	32.8	3,298,600
Kidder	30,600	30,500	28.2	28.3	864,100	69,400	68,900	22.3	22.5	1,549,500
Sheridan	93,500	86,700	26.5	28.6	2,478,500	43,000	40,700	23.7	25.0	1,018,700
Stutsman	101,300	100,500	36.3	36.6	3,674,200	281,000	279,700	30.5	30.6	8,563,800
Wells	86,000	83,200	32.7	33.8	2,814,800	154,000	150,700	32.1	32.8	4,949,100
Central	370,400	359,500	32.2	33.1	11,912,100	709,000	699,400	30.0	30.4	21,251,100
Barnes	49,700	49,300	37.6	37.9	1,869,200	269,800	267,900	33.3	33.6	8,991,800
Cass	6,600	6,600	39.4	39.4	259,900	347,100	342,000	38.7	39.2	13,415,700
Griggs	40,500	40,300	39.2	39.3	1,585,700	93,700	92,800	35.9	36.3	3,365,000
Steele	24,500	24,400	42.0	42.1	1,028,200	134,500	133,200	39.1	39.4	5,253,900
Traill	11,100	11,100	42.1	42.1	467,800	162,800	161,700	43.3	43.6	7,054,600
East Central	132,400	131,700	39.4	39.6	5,210,800	1,007,900	997,600	37.8	38.2	38,081,000
Adams	97,900	94,600	21.4	22.1	2,090,900	40,600	38,900	21.4	22.3	868,100
Billings	28,300	27,800	21.9	22.3	619,600	7,200	6,900	16.1	16.8	115,600
Bowman	108,400	100,400	20.6	22.3	2,234,300	22,600	19,600	16.9	19.4	380,900
Golden Valley	59,400	55,200	24.4	26.3	1,452,200	28,600	26,500	18.5	20.0	529,000
Hettinger	163,000	157,300	24.9	25.8	4,062,500	66,000	64,300	22.4	23.0	1,479,300
Slope	108,200	105,900	27.5	28.1	2,972,100	8,800	8,100	24.1	26.2	211,900
Stark	143,600	137,200	22.4	23.4	3,214,400	38,400	36,300	20.1	21.3	773,700
Southwest	708,800	678,400	23.5	24.5	16,646,000	212,200	200,600	20.5	21.7	4,358,500
Burleigh	63,900	61,000	27.8	29.1	1,776,800	93,600	91,800	23.0	23.5	2,157,200
Emmons	59,500	58,900	24.4	24.6	1,451,200	151,900	151,000	20.0	20.2	3,044,800
Grant	81,700	79,100	24.6	25.4	2,007,600	45,200	43,000	21.1	22.1	952,300
Morton	78,600	77,700	27.8	28.1	2,182,600	69,400	68,700	24.5	24.8	1,701,400
Sioux	22,400	21,800	22.3	22.9	499,900	20,100	19,300	17.2	17.9	346,000
South Central	306,100	298,500	25.9	26.5	7,918,100	380,200	373,800	21.6	21.9	8,201,700
Dickey	19,400	19,300	31.8	32.0	617,700	103,300	102,600	20.9	21.1	2,160,600
LaMoure	62,000	61,800	34.3	34.4	2,128,200	139,500	138,700	29.6	29.8	4,128,200
Logan	48,400	48,100	33.3	33.5	1,613,700	77,600	77,300	21.2	21.2	1,642,300
McIntosh	41,900	41,600	26.5	26.7	1,111,700	110,100	109,600	18.5	18.6	2,037,300
Ransom	12,500	12,500	34.4	34.4	429,500	107,600	107,000	24.3	24.4	2,615,300
Richland	6,000	6,000	36.5	36.5	218,900	208,000	206,000	29.7	30.0	6,182,100
Sargent	6,500	6,400	30.3	30.8	197,000	128,300	127,700	23.1	23.3	2,970,000
Southeast	196,700	195,700	32.1	32.3	6,316,700	874,400	868,900	24.9	25.0	21,735,800
STATE	4,581,700	4,461,800	30.4	31.2	139,244,100	5,924,700	5,819,600	31.2	31.7	184,621,700

1/ See page 101 for irrigated acres.

ALL WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1983 (Revised) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	123,000	122,800	25.5	25.6	3,138,500	16,000	16,000	24.8	24.8	397,000
Divide	157,700	155,700	23.3	23.6	3,673,200	21,600	21,600	23.0	23.0	497,000
Mountrail	188,000	186,000	23.9	24.1	4,487,000	17,000	16,000	21.5	22.9	366,000
Renville	107,000	107,000	30.5	30.5	3,263,000	33,000	33,000	24.1	24.1	794,000
Ward	184,200	182,000	31.2	31.6	5,748,200	100,800	99,800	28.2	28.4	2,839,000
Williams	253,500	252,400	21.3	21.4	5,394,800	33,800	33,800	21.3	21.3	721,600
Northwest	1,013,400	1,005,900	25.4	25.6	25,704,700	222,200	220,200	25.3	25.5	5,614,600
Benson	81,800	81,600	27.6	27.7	2,258,400	92,100	90,800	24.7	25.1	2,279,400
Bottineau	134,000	132,000	30.1	30.6	4,033,900	106,000	103,200	28.2	28.9	2,986,600
McHenry	92,300	91,500	27.7	27.9	2,554,000	47,000	46,500	22.9	23.1	1,075,000
Pierce	62,200	61,100	24.9	25.4	1,551,800	52,300	52,200	21.1	21.1	1,104,000
Rolette	49,500	49,400	26.5	26.5	1,310,400	40,500	40,400	23.1	23.2	937,000
North Central	419,800	415,600	27.9	28.2	11,708,500	337,900	333,100	24.8	25.2	8,382,000
Cavalier	86,700	86,500	32.8	32.9	2,842,800	167,800	165,800	28.9	29.3	4,853,400
Grand Forks	42,000	41,700	34.6	34.9	1,453,600	151,600	151,300	36.1	36.1	5,468,300
Nelson	58,000	57,800	30.8	30.9	1,786,500	91,800	90,800	28.0	28.3	2,572,400
Pembina	40,700	40,600	33.6	33.7	1,366,400	138,300	138,100	37.1	37.2	5,136,500
Ramsey	78,400	78,100	29.2	29.4	2,292,800	110,600	109,000	25.6	26.0	2,830,800
Towner	64,200	63,000	27.9	28.5	1,792,500	105,800	103,300	23.9	24.4	2,524,500
Walsh	57,100	57,100	31.4	31.4	1,793,600	152,400	152,300	33.7	33.7	5,139,800
Northeast	427,100	424,800	31.2	31.4	13,328,200	918,300	910,600	31.1	31.3	28,525,700
Dunn	72,400	65,300	21.1	23.3	1,524,600	32,600	29,600	17.1	18.8	557,800
McKenzie	106,100	104,400	22.9	23.3	2,430,600	28,200	28,100	22.0	22.1	621,000
McLean	188,600	182,400	25.5	26.4	4,806,600	64,600	60,700	23.1	24.6	1,491,300
Mercer	46,000	42,000	23.9	26.1	1,098,000	14,000	13,000	20.7	22.3	290,000
Oliver	19,000	19,000	26.7	26.7	507,000	21,000	21,000	22.5	22.5	473,000
West Central	432,100	413,100	24.0	25.1	10,366,800	160,400	152,400	21.4	22.5	3,433,100
Eddy	21,500	21,500	26.2	26.2	564,100	43,000	42,900	23.2	23.2	995,500
Foster	37,800	35,800	28.7	30.3	1,083,000	56,400	52,400	24.8	26.7	1,397,000
Kidder	27,600	27,600	25.9	25.9	716,000	45,500	45,500	17.5	17.5	797,800
Sheridan	58,000	58,000	26.0	26.0	1,510,500	32,000	32,000	22.8	22.8	731,000
Stutsman	102,400	98,600	27.1	28.2	2,780,100	166,200	157,200	21.9	23.1	3,631,800
Wells	83,000	82,500	28.3	28.5	2,349,700	92,000	90,900	27.3	27.6	2,509,100
Central	330,300	324,000	27.3	27.8	9,003,400	435,100	420,900	23.1	23.9	10,062,200
Barnes	58,300	55,900	28.6	29.8	1,666,500	155,400	151,900	26.4	27.0	4,102,400
Cass	18,700	17,700	30.6	32.4	572,700	230,400	219,900	32.2	33.8	7,422,100
Griggs	35,000	34,900	30.0	30.1	1,051,000	48,900	48,900	25.6	25.6	1,254,200
Steele	30,000	29,300	31.8	32.5	952,900	78,600	78,300	29.5	29.6	2,318,600
Traill	13,000	13,000	31.2	31.2	405,300	112,000	111,500	35.5	35.6	3,972,000
East Central	155,000	150,800	30.0	30.8	4,648,400	625,300	610,500	30.5	31.2	19,069,300
Adams	72,400	72,100	25.3	25.4	1,830,000	17,100	17,100	21.3	21.3	364,400
Billings	19,500	18,900	21.0	21.7	409,300	10,500	10,500	18.4	18.4	192,700
Bowman	75,500	67,200	20.5	23.0	1,548,300	8,000	8,000	19.1	19.1	153,000
Golden Valley	53,000	47,000	17.1	19.3	907,200	6,500	5,500	15.8	18.7	102,800
Hettinger	135,500	130,200	26.7	27.8	3,618,700	24,500	23,500	21.7	22.6	531,000
Slope	59,500	53,200	22.6	25.3	1,343,500	10,000	9,000	17.2	19.1	172,000
Stark	104,500	104,300	25.2	25.2	2,630,200	19,500	19,500	22.5	22.5	438,400
Southwest	519,900	492,900	23.6	24.9	12,287,200	96,100	93,100	20.3	21.0	1,954,300
Burleigh	51,000	48,400	22.5	23.7	1,145,000	63,000	59,500	18.0	19.0	1,132,500
Emmons	37,600	37,600	21.9	21.9	825,000	99,700	97,700	18.3	18.7	1,829,000
Grant	71,700	67,600	25.2	26.7	1,804,700	17,100	16,100	21.9	23.3	375,300
Morton	63,000	53,000	20.7	24.6	1,304,700	47,000	36,700	16.3	20.8	765,100
Sioux	18,100	16,100	18.7	21.0	338,500	11,400	10,400	16.8	18.5	192,000
South Central	241,400	222,700	22.4	24.3	5,417,900	238,200	220,400	18.0	19.5	4,293,900
Dickey	16,700	16,700	26.6	26.6	444,000	86,200	85,800	21.5	21.6	1,855,000
LaMoure	55,000	54,900	26.4	26.5	1,454,600	94,400	93,100	21.3	21.6	2,007,200
Logan	44,300	44,300	19.6	19.6	870,000	40,500	40,500	18.2	18.2	736,000
McIntosh	40,500	40,500	23.0	23.0	930,000	64,500	64,500	18.8	18.8	1,211,000
Ransom	14,300	14,200	30.3	30.5	433,800	68,200	67,800	26.7	26.9	1,821,600
Richland	8,800	8,800	35.6	35.6	312,900	141,200	141,100	32.9	32.9	4,649,000
Sargent	7,000	6,900	28.6	29.0	200,000	92,100	91,100	25.1	25.4	2,311,500
Southeast	186,600	186,300	24.9	24.9	4,645,300	587,100	583,900	24.9	25.0	14,591,300
STATE	3,725,600	3,636,100	26.1	26.7	97,110,400	3,620,600	3,545,100	26.5	27.1	95,926,400

1/ See page 102 for irrigated acres.

ALL WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1984 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	144,000	139,000	22.0	22.8	3,174,500	16,000	15,500	18.3	18.9	292,500
Divide	171,000	167,200	14.5	14.8	2,474,400	10,600	10,200	15.9	16.6	169,000
Mountrail	185,300	181,200	20.8	21.3	3,859,800	23,700	23,000	22.6	23.3	535,800
Renville	137,200	135,700	32.9	33.3	4,516,400	36,300	36,300	26.9	26.9	975,600
Ward	251,000	249,000	29.7	30.0	7,466,200	109,400	108,500	26.3	26.5	2,879,700
Williams	249,500	245,000	15.4	15.7	3,834,800	27,200	22,700	10.2	12.3	278,100
Northwest	1,138,000	1,117,100	22.3	22.7	25,326,100	223,200	216,200	23.0	23.7	5,130,700
Benson	136,600	135,300	31.9	32.2	4,356,700	74,900	73,900	27.2	27.6	2,036,900
Bottineau	212,000	206,500	27.2	27.9	5,763,200	89,000	87,200	24.2	24.7	2,152,800
McHenry	112,200	112,100	26.9	26.9	3,018,000	52,700	52,700	22.0	22.0	1,160,000
Pierce	96,000	94,700	28.6	29.0	2,746,300	48,500	48,500	22.7	22.7	1,100,500
Rolette	74,500	72,500	30.1	31.0	2,244,000	38,000	37,000	27.8	28.5	1,056,000
North Central	631,300	621,100	28.7	29.2	18,128,200	303,100	299,300	24.8	25.1	7,506,200
Cavalier	197,300	196,200	41.2	41.4	8,128,200	96,700	95,700	36.2	36.6	3,501,000
Grand Forks	98,000	96,000	47.0	47.9	4,601,100	117,600	114,100	48.8	50.3	5,741,900
Nelson	110,500	109,900	39.4	39.6	4,352,700	69,400	68,400	36.9	37.5	2,561,900
Pembina	95,800	95,800	48.9	48.9	4,689,200	129,200	128,800	51.0	51.2	6,589,000
Ramsey	140,000	137,900	33.9	34.4	4,744,100	94,000	92,300	33.2	33.8	3,117,500
Towner	133,000	129,900	31.2	32.0	4,153,800	89,000	87,700	29.1	29.6	2,593,600
Walsh	124,500	123,500	49.0	49.4	6,097,100	126,400	124,000	50.5	51.5	6,387,000
Northeast	899,100	889,200	40.9	41.3	36,766,200	722,300	711,000	42.2	42.9	30,491,900
Dunn	91,700	90,500	25.5	25.9	2,341,800	29,300	28,300	20.3	21.0	594,000
McKenzie	113,000	108,600	19.8	20.6	2,240,100	19,100	15,200	9.8	12.3	186,600
McLean	232,600	228,800	27.2	27.6	6,324,900	57,700	56,800	23.6	23.9	1,359,800
Mercer	71,000	69,400	25.9	26.5	1,837,000	7,900	7,500	21.3	22.4	168,000
Oliver	29,900	29,800	29.2	29.3	873,200	12,500	12,500	23.6	23.6	294,800
West Central	538,200	527,100	25.3	25.8	13,617,000	126,500	120,300	20.6	21.6	2,603,200
Eddy	36,000	35,900	31.3	31.4	1,126,400	34,900	34,900	25.9	25.9	904,000
Foster	67,700	67,600	37.5	37.5	2,536,100	43,200	43,200	34.3	34.3	1,483,500
Kidder	48,700	48,250	26.1	26.4	1,270,800	40,000	39,500	23.6	23.9	943,900
Sheridan	77,500	75,200	26.6	27.4	2,058,700	37,000	36,900	23.8	23.8	879,000
Stutsman	213,000	209,600	36.0	36.6	7,673,500	124,400	121,200	31.0	31.8	3,850,400
Wells	145,000	143,200	32.8	33.2	4,753,900	66,000	65,500	29.4	29.6	1,939,800
Central	587,900	579,700	33.0	33.5	19,419,400	345,500	341,200	28.9	29.3	10,000,600
Barnes	162,000	159,000	41.1	41.8	6,652,000	114,300	113,400	38.7	39.0	4,423,400
Cass	121,000	119,000	48.7	49.5	5,892,000	168,700	168,200	48.7	48.9	8,219,200
Griggs	77,000	75,000	36.5	37.4	2,807,900	27,400	27,200	33.1	33.4	908,000
Steele	79,000	77,800	45.4	46.1	3,588,000	60,800	60,400	42.7	43.0	2,595,400
Traill	61,000	60,300	46.4	47.0	2,833,000	84,900	84,700	49.0	49.1	4,155,900
East Central	500,000	491,100	43.5	44.3	21,772,900	456,100	453,900	44.5	44.7	20,301,900
Adams	87,000	82,600	31.4	33.0	2,729,000	22,500	21,600	24.7	25.7	556,000
Billings	27,000	25,300	20.7	22.1	558,000	8,000	7,000	15.7	17.9	125,400
Bowman	89,000	87,400	27.0	27.5	2,406,500	14,000	13,500	17.1	17.8	239,900
Golden Valley	61,500	60,500	22.9	23.3	1,410,700	8,300	5,900	12.2	17.2	101,300
Hettinger	167,000	164,800	34.6	35.0	5,773,000	38,000	38,000	29.7	29.7	1,130,000
Slope	79,800	79,000	29.8	30.1	2,375,500	9,200	9,200	24.2	24.2	222,500
Stark	125,200	124,400	29.2	29.4	3,658,600	42,300	40,700	22.5	23.4	953,000
Southwest	636,500	624,000	29.7	30.3	18,911,300	142,300	135,900	23.4	24.5	3,328,100
Burleigh	91,800	91,000	27.1	27.3	2,485,800	48,700	48,700	21.8	21.8	1,059,500
Emmons	105,700	105,500	31.2	31.2	3,295,600	75,700	75,700	24.4	24.4	1,847,400
Grant	83,500	79,000	25.7	27.1	2,143,500	23,000	20,500	19.8	22.2	454,500
Morton	93,000	90,200	26.2	27.0	2,434,300	42,000	38,500	20.4	22.3	858,000
Sioux	27,000	22,200	25.2	30.7	681,500	19,000	13,100	17.3	25.0	327,900
South Central	401,000	387,900	27.5	28.5	11,040,700	208,400	196,500	21.8	23.1	4,547,300
Dickey	65,600	59,800	34.0	37.0	2,213,000	63,600	63,200	33.3	33.5	2,119,600
LaMoure	125,000	123,200	37.8	38.4	4,724,900	57,500	57,500	34.1	34.1	1,959,300
Logan	70,100	70,100	32.4	32.4	2,271,700	28,900	28,900	25.2	25.2	727,800
McIntosh	76,000	76,000	31.0	31.0	2,356,000	49,000	49,000	25.5	25.5	1,249,800
Ransom	61,000	60,000	43.6	44.3	2,660,900	42,500	42,500	34.4	34.4	1,463,100
Richland	44,000	43,700	46.1	46.4	2,026,200	136,000	135,800	42.5	42.5	5,777,800
Sargent	49,500	48,000	40.5	41.8	2,006,700	75,500	73,800	37.2	38.1	2,809,200
Southeast	490,600	480,800	37.2	38.0	18,259,400	453,000	450,700	35.6	35.7	16,106,600
STATE	5,822,600	5,718,000	31.5	32.0	183,241,200	2,980,400	2,925,000	33.6	34.2	100,016,500

1/ See page 103 for irrigated acres.

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production by Counties, North Dakota, 1980 and 1981 (Final)

District and County	1980					1981				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	100,000	97,000	21.1	21.7	2,109,000	95,000	94,000	25.7	26.0	2,444,000
Divide	35,000	33,000	16.3	17.3	571,000	40,000	40,000	23.0	23.0	920,000
Mountrail	40,000	37,000	15.5	16.8	621,000	35,000	35,000	26.0	26.0	910,000
Renville	100,000	94,000	20.0	21.2	1,997,000	120,000	119,000	28.8	29.0	3,451,000
Ward	115,000	94,000	16.2	19.8	1,858,000	130,000	129,000	32.7	33.0	4,257,000
Williams	210,000	185,000	13.5	15.3	2,834,000	200,000	193,000	27.0	28.0	5,403,000
Northwest	600,000	540,000	16.7	18.5	9,990,000	620,000	610,000	28.0	28.5	17,385,000
Benson	50,000	43,000	14.5	16.8	724,000	50,000	49,000	25.4	26.0	1,272,000
Bottineau	95,000	79,000	14.8	17.8	1,408,000	105,000	104,000	26.7	27.0	2,805,000
McHenry	190,000	160,000	13.8	16.3	2,614,000	170,000	167,000	27.5	28.0	4,671,000
Pierce	100,000	85,000	13.1	15.4	1,305,000	90,000	90,000	27.0	27.0	2,427,000
Rolette	15,000	13,000	14.6	16.8	219,000	15,000	15,000	20.0	20.0	300,000
North Central	450,000	380,000	13.9	16.5	6,270,000	430,000	425,000	26.7	27.0	11,475,000
Cavalier	210,000	195,000	23.2	25.0	4,875,000	185,000	184,000	30.8	31.0	5,704,000
Grand Forks	260,000	220,000	17.8	21.0	4,620,000	250,000	247,000	39.5	40.0	9,874,000
Nelson	76,000	67,000	14.6	16.5	1,106,000	105,000	104,000	36.2	36.5	3,796,000
Pembina	290,000	250,000	22.4	26.0	6,501,000	270,000	269,000	35.4	35.5	9,549,000
Ramsey	76,000	67,000	18.5	21.0	1,407,000	75,000	74,000	28.1	28.5	2,109,000
Towner	18,000	16,000	18.2	20.5	328,000	20,000	20,000	31.0	31.0	620,000
Walsh	240,000	185,000	17.3	22.5	4,163,000	235,000	232,000	38.5	39.0	9,048,000
Northeast	1,170,000	1,000,000	19.7	23.0	23,000,000	1,140,000	1,130,000	35.7	36.0	40,700,000
Dunn	140,000	70,000	5.1	10.2	713,000	135,000	130,000	18.3	19.0	2,471,000
McKenzie	125,000	63,000	5.1	10.2	642,000	130,000	127,000	23.0	23.5	2,984,000
McLean	180,000	145,000	11.3	14.1	2,039,000	130,000	129,000	27.8	28.0	3,612,000
Mercer	95,000	71,000	10.1	13.6	964,000	90,000	89,500	26.4	26.5	2,372,000
Oliver	60,000	41,000	8.6	12.6	517,000	55,000	54,500	23.3	23.5	1,281,000
West Central	600,000	390,000	8.1	12.5	4,875,000	540,000	530,000	23.6	24.0	12,720,000
Eddy	75,000	70,000	19.2	20.6	1,442,000	70,000	69,500	24.8	25.0	1,735,000
Foster	105,000	81,000	16.7	21.6	1,749,000	110,000	109,000	31.7	32.0	3,483,000
Kidder	85,000	49,000	5.1	8.8	433,000	90,000	89,500	24.3	24.5	2,190,000
Sheridan	140,000	110,000	12.0	15.2	1,673,000	135,000	134,000	29.2	29.5	3,947,000
Stutsman	285,000	220,000	13.3	17.2	3,778,000	320,000	319,000	29.4	29.5	9,397,000
Wells	170,000	150,000	18.6	21.1	3,165,000	165,000	164,000	29.8	30.0	4,913,000
Central	860,000	680,000	14.2	18.0	12,240,000	890,000	885,000	28.8	29.0	25,665,000
Barnes	280,000	250,000	16.2	18.1	4,531,000	270,000	268,000	30.8	31.0	8,308,000
Cass	360,000	350,000	25.5	26.2	9,163,000	325,000	322,000	33.7	34.0	10,961,000
Griggs	125,000	115,000	16.2	17.6	2,027,000	110,000	109,000	30.7	31.0	3,379,000
Steele	145,000	140,000	20.4	21.2	2,961,000	140,000	137,000	35.7	36.5	5,000,000
Traill	170,000	165,000	28.3	29.2	4,818,000	155,000	154,000	38.8	39.0	6,012,000
East Central	1,080,000	1,020,000	21.8	23.0	23,500,000	1,000,000	990,000	33.7	34.0	33,660,000
Adams	97,000	46,000	3.8	8.1	372,000	135,000	124,000	14.7	16.0	1,984,000
Billings	33,000	13,000	3.8	9.6	125,000	40,000	34,000	11.9	14.0	476,000
Bowman	69,000	42,000	6.5	10.6	446,000	77,000	66,000	11.6	13.5	891,000
Golden Valley	42,000	20,000	3.6	7.6	152,000	47,000	41,000	14.8	17.0	697,000
Hettinger	215,000	140,000	6.6	10.1	1,418,000	230,000	217,000	19.8	21.0	4,557,000
Slope	89,000	49,000	6.1	11.1	545,000	86,000	83,000	20.3	21.0	1,742,000
Stark	175,000	120,000	8.3	12.1	1,457,000	185,000	175,000	16.1	17.0	2,973,000
Southwest	720,000	430,000	6.3	10.5	4,515,000	800,000	740,000	16.7	18.0	13,320,000
Burleigh	190,000	87,000	5.2	11.3	987,000	185,000	180,000	22.4	23.0	4,140,000
Emmons	190,000	86,000	4.0	8.9	764,000	210,000	203,000	20.8	21.5	4,365,000
Grant	130,000	87,000	7.6	11.4	988,000	135,000	130,000	21.2	22.0	2,860,000
Morton	145,000	75,000	6.9	13.3	999,000	160,000	148,000	21.3	23.0	3,410,000
Sioux	35,000	25,000	6.3	8.9	222,000	40,000	39,000	15.6	16.0	625,000
South Central	690,000	360,000	5.7	11.0	3,960,000	730,000	700,000	21.1	22.0	15,400,000
Dickey	135,000	125,000	15.3	16.5	2,064,000	130,000	126,000	18.4	19.0	2,394,000
LaMoure	180,000	165,000	17.4	19.0	3,137,000	175,000	174,000	22.9	23.0	4,002,000
Logan	120,000	90,000	7.9	10.5	945,000	120,000	119,000	22.8	23.0	2,737,000
McIntosh	140,000	95,000	5.1	7.5	713,000	160,000	159,000	20.9	21.0	3,344,000
Ransom	115,000	110,000	15.3	16.0	1,761,000	125,000	124,000	27.8	28.0	3,472,000
Richland	220,000	200,000	25.5	28.0	5,603,000	220,000	219,000	34.9	35.0	7,675,000
Sargent	120,000	115,000	24.0	25.0	2,877,000	120,000	119,000	28.8	29.0	3,451,000
Southeast	1,030,000	900,000	16.6	19.0	17,100,000	1,050,000	1,040,000	25.8	26.0	27,075,000
STATE	7,200,000	5,700,000	14.6	18.5	105,450,000	7,200,000	7,050,000	27.4	28.0	197,400,000

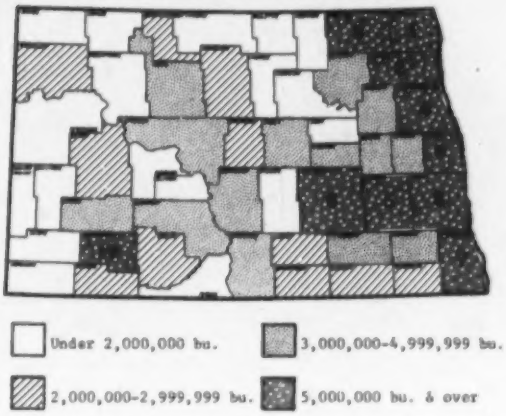
SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production by Counties, North Dakota, 1982 (Final) and 1983 (Revised)

District and County	1982					1983				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	103,000	101,000	24.5	25.0	2,525,000	85,000	85,000	25.0	25.0	2,125,000
Divide	34,000	34,000	30.0	30.0	1,020,000	25,000	25,000	21.5	21.5	538,000
Mountrail	39,000	37,000	28.5	30.0	1,110,000	35,000	35,000	21.5	21.5	753,000
Renville	119,000	118,000	32.7	33.0	3,894,000	80,000	80,000	29.0	29.0	2,320,000
Ward	167,000	166,000	32.3	32.5	5,392,000	125,000	125,000	29.2	29.2	3,654,000
Williams	178,000	174,000	27.9	28.5	4,959,000	160,000	160,000	21.0	21.0	3,360,000
Northwest	640,000	630,000	29.5	30.0	18,900,000	510,000	510,000	25.0	25.0	12,750,000
Benson	54,000	53,500	29.7	30.0	1,605,000	55,000	55,000	24.0	24.0	1,320,000
Bottineau	117,000	116,000	31.2	31.5	3,654,000	75,000	75,000	30.0	30.0	2,250,000
McHenry	181,000	179,000	30.3	30.6	5,486,000	115,000	115,000	26.6	26.6	3,055,000
Pierce	78,000	77,000	28.6	29.0	2,233,000	60,000	60,000	22.0	22.0	1,320,000
Rolette	20,000	19,500	29.8	30.5	595,000	15,000	15,000	25.0	25.0	375,000
North Central	450,000	445,000	30.2	30.5	13,573,000	320,000	320,000	26.0	26.0	8,320,000
Cavalier	244,000	242,000	37.2	37.5	9,075,000	170,000	170,000	31.0	31.0	5,270,000
Grand Forks	253,000	252,000	40.8	41.0	10,332,000	180,000	180,000	36.0	36.0	6,480,000
Nelson	113,000	111,000	37.3	38.0	4,218,000	80,000	80,000	29.5	29.5	2,360,000
Pembina	273,000	270,000	39.8	40.3	10,874,000	175,000	175,000	36.5	36.5	6,388,000
Ramsey	88,000	86,000	31.3	32.0	2,752,000	85,000	85,000	28.0	28.0	2,380,000
Towner	24,000	23,000	32.6	34.0	782,000	35,000	35,000	27.0	27.0	945,000
Walsh	245,000	236,000	36.1	37.5	8,850,000	185,000	185,000	33.6	33.6	6,207,000
Northeast	1,240,000	1,220,000	37.8	38.4	46,883,000	910,000	910,000	33.0	33.0	30,030,000
Dunn	120,000	118,000	24.0	24.4	2,883,000	100,000	90,000	19.8	22.0	1,980,000
McKenzie	108,000	107,000	29.7	30.0	3,210,000	95,000	95,000	24.0	24.0	2,276,000
McLean	148,000	142,000	28.8	30.0	4,260,000	145,000	140,000	25.6	26.5	3,706,000
Mercer	81,000	80,000	28.1	28.5	2,280,000	50,000	45,000	22.1	24.5	1,103,000
Oliver	53,000	53,000	30.5	30.5	1,617,000	40,000	40,000	24.5	24.5	980,000
West Central	510,000	500,000	27.9	28.5	14,250,000	430,000	410,000	23.4	24.5	10,045,000
Eddy	59,000	58,500	31.7	32.0	1,872,000	50,000	50,000	24.0	24.0	1,200,000
Foster	98,000	97,000	32.7	33.0	3,201,000	75,000	70,000	26.1	28.0	1,960,000
Kidder	83,000	82,500	23.4	23.5	1,939,000	50,000	50,000	20.0	20.0	1,000,000
Sheridan	116,000	108,000	25.6	27.5	2,970,000	85,000	85,000	25.0	25.0	2,125,000
Stutsman	273,000	272,000	31.9	32.1	8,720,000	185,000	180,000	24.8	25.5	4,590,000
Wells	151,000	147,000	30.7	31.5	4,631,000	105,000	105,000	27.6	27.6	2,895,000
Central	780,000	765,000	29.9	30.5	23,333,000	550,000	540,000	25.0	25.5	13,770,000
Barnes	265,000	263,000	34.2	34.5	9,074,000	190,000	185,000	26.8	27.5	5,088,000
Cass	303,000	298,000	38.5	39.1	11,658,000	225,000	215,000	32.1	33.6	7,232,000
Griggs	113,000	112,000	36.7	37.0	4,144,000	70,000	70,000	27.5	27.5	1,925,000
Steele	137,000	136,000	39.7	40.0	5,440,000	95,000	95,000	30.0	30.0	2,850,000
Traill	152,000	151,000	43.7	44.0	6,644,000	115,000	115,000	35.0	35.0	4,025,000
East Central	970,000	960,000	38.1	38.5	36,960,000	695,000	680,000	30.4	31.1	21,120,000
Adams	117,000	114,000	21.9	22.5	2,565,000	80,000	80,000	24.5	24.5	1,960,000
Billings	34,000	33,500	20.7	21.0	704,000	28,000	28,000	20.0	20.0	560,000
Bowman	78,000	76,500	20.6	21.0	1,607,000	55,000	50,000	19.1	21.0	1,050,000
Golden Valley	49,000	48,000	21.1	21.5	1,032,000	42,000	37,000	15.4	17.5	648,000
Hettinger	195,000	191,000	24.0	24.5	4,689,000	150,000	145,000	25.9	26.8	3,884,000
Slope	92,000	91,000	27.2	27.5	2,503,000	60,000	55,000	22.0	24.0	1,320,000
Stark	165,000	161,000	22.4	23.0	3,703,000	115,000	115,000	24.5	24.5	2,818,000
Southwest	730,000	715,000	23.0	23.5	16,803,000	530,000	510,000	23.1	24.0	12,240,000
Burleigh	147,000	143,000	25.3	26.0	3,718,000	105,000	100,000	20.0	21.0	2,100,000
Emmons	206,000	205,000	21.4	21.5	4,409,000	137,000	135,000	19.8	20.1	2,715,000
Grant	114,000	111,000	23.4	24.0	2,664,000	85,000	80,000	24.5	26.0	2,080,000
Morton	144,000	143,000	26.3	26.5	3,790,000	105,000	85,000	18.6	23.0	1,955,000
Sioux	39,000	38,000	20.0	20.5	779,000	28,000	25,000	17.9	20.0	500,000
South Central	650,000	640,000	23.6	24.0	15,360,000	460,000	425,000	20.3	22.0	9,350,000
Dickey	88,000	87,500	21.7	21.9	1,913,000	90,000	90,000	22.0	22.0	1,980,000
LaMoure	142,000	141,500	32.4	32.5	4,599,000	125,000	125,000	23.3	23.3	2,917,000
Logan	107,000	106,500	24.9	25.0	2,663,000	80,000	80,000	19.0	19.0	1,520,000
McIntosh	132,000	131,500	20.4	20.5	2,696,000	93,000	93,000	20.5	20.5	1,907,000
Ransom	112,000	111,500	25.4	25.5	2,843,000	80,000	80,000	27.5	27.5	2,200,000
Richland	196,000	194,000	30.7	31.0	6,014,000	147,000	147,000	33.0	33.0	4,851,000
Sargent	103,000	102,500	23.9	24.0	2,460,000	80,000	80,000	25.0	25.0	2,000,000
Southeast	880,000	875,000	26.4	26.5	23,188,000	695,000	695,000	25.0	25.0	17,375,000
STATE	6,850,000	6,750,000	30.5	31.0	209,250,000	5,100,000	5,000,000	26.5	27.0	135,000,000

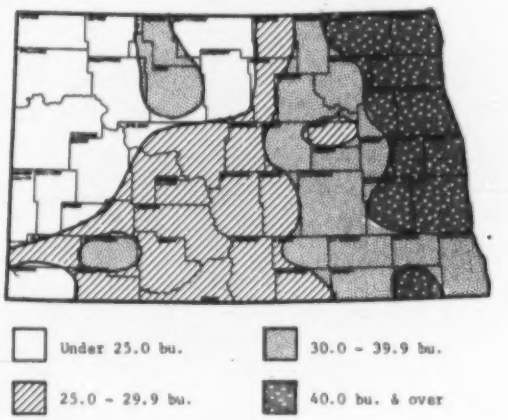
SPRING WHEAT OTHER THAN DURUM
Acreage, Yield and Production by Counties,
North Dakota, 1984 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	85,000	84,000	20.8	21.0	1,764,000
Divide	30,000	28,000	14.5	15.5	434,000
Mountrail	30,000	29,000	17.4	18.0	522,000
Renville	90,000	89,000	33.1	33.5	2,981,000
Ward	140,000	140,000	30.7	30.7	4,304,000
Williams	155,000	150,000	16.0	16.5	2,475,000
Northwest	530,000	520,000	23.5	24.0	12,480,000
Benson	50,000	50,000	30.5	30.5	1,525,000
Bottineau	70,000	70,000	24.5	24.5	1,715,000
McHenry	120,000	120,000	24.6	24.6	2,955,000
Pierce	65,000	65,000	26.0	26.0	1,690,000
Rolette	15,000	15,000	29.0	29.0	435,000
North Central	320,000	320,000	26.0	26.0	8,320,000
Cavalier	160,000	160,000	41.5	41.5	6,640,000
Grand Forks	185,000	183,000	49.5	50.0	9,150,000
Nelson	90,000	90,000	40.0	40.0	3,600,000
Pembina	220,000	220,000	50.2	50.2	11,043,000
Ramsey	95,000	94,000	33.1	33.5	3,149,000
Towner	20,000	20,000	33.0	33.0	660,000
Walsh	210,000	208,000	50.5	51.0	10,608,000
Northeast	980,000	975,000	45.8	46.0	44,850,000
Dunn	110,000	108,000	23.6	24.0	2,592,000
McKenzie	82,000	77,000	19.2	20.5	1,578,000
McLean	140,000	138,000	26.9	27.3	3,771,000
Mercer	68,000	67,000	25.1	25.5	1,709,000
Oliver	40,000	40,000	27.5	27.5	1,100,000
West Central	440,000	430,000	24.4	25.0	10,750,000
Eddy	50,000	50,000	29.0	29.0	1,450,000
Foster	90,000	90,000	36.0	36.0	3,240,000
Kidder	65,000	64,000	25.1	25.5	1,632,000
Sheridan	100,000	98,000	25.5	26.0	2,548,000
Stutsman	200,000	198,000	34.2	34.5	6,831,000
Wells	125,000	125,000	31.9	31.9	3,987,000
Central	630,000	625,000	31.3	31.5	19,688,000
Barnes	200,000	200,000	40.0	40.0	8,000,000
Cass	210,000	210,000	48.4	48.4	10,166,000
Griggs	85,000	85,000	35.5	35.5	3,018,000
Steele	110,000	110,000	45.0	45.0	4,950,000
Traill	115,000	115,000	49.0	49.0	5,635,000
East Central	720,000	720,000	44.1	44.1	31,769,000
Adams	75,000	75,000	29.5	29.5	2,213,000
Billings	25,000	24,000	19.2	20.0	480,000
Bowman	65,000	64,000	24.1	24.5	1,568,000
Golden Valley	40,000	39,000	18.1	18.5	722,000
Hettinger	170,000	169,000	32.3	32.5	5,493,000
Slope	65,000	65,000	27.5	27.5	1,788,000
Stark	150,000	149,000	27.4	27.6	4,116,000
Southwest	590,000	585,000	27.8	28.0	16,380,000
Burleigh	130,000	130,000	25.3	25.3	3,294,000
Emmons	170,000	170,000	28.5	28.5	4,845,000
Grant	100,000	93,000	24.2	26.0	2,418,000
Morton	125,000	120,000	24.5	25.5	3,060,000
Sioux	25,000	22,000	22.4	25.5	561,000
South Central	550,000	535,000	25.8	26.5	14,178,000
Dickey	80,000	80,000	34.5	34.5	2,760,000
LaMoure	130,000	130,000	36.5	36.5	4,745,000
Logan	85,000	85,000	30.5	30.5	2,593,000
McIntosh	95,000	95,000	28.5	28.5	2,708,000
Ransom	80,000	80,000	39.0	39.0	3,120,000
Richland	155,000	155,000	43.6	43.6	6,756,000
Sargent	65,000	65,000	38.5	38.5	2,503,000
Southeast	690,000	690,000	36.5	36.5	25,185,000
STATE	5,450,000	5,400,000	33.7	34.0	183,600,000

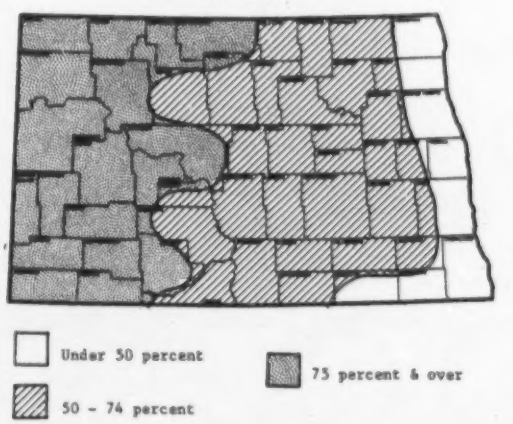
SPRING WHEAT OTHER THAN DURUM - 1984
Production by Counties,
(Rank of First Ten Counties Shown)



SPRING WHEAT OTHER THAN DURUM - 1984
Yield per Harvested Acre
(Bushels)



SPRING WHEAT OTHER THAN DURUM - 1984
Percent Planted on Summer Fallow
(Percent)



SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1980 (Final) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	95,600	93,500	21.5	22.0	2,055,000	4,400	3,500	12.3	15.4	54,000
Divide	32,100	30,500	16.7	17.6	536,000	2,500	2,100	7.6	9.0	19,000
Mountrail	32,400	30,300	16.6	17.8	539,000	7,600	6,700	10.8	12.2	82,000
Renville	72,500	70,500	23.4	24.0	1,694,000	27,500	23,500	11.0	12.9	303,000
Ward	60,000	58,900	23.9	24.3	1,433,000	54,900	35,000	7.7	12.1	422,500
Williams	199,700	181,200	14.0	15.4	2,788,000	9,700	3,200	2.0	5.9	19,000
Northwest	492,300	464,900	18.4	19.5	9,045,000	106,600	74,000	8.4	12.2	899,500
Benson	26,000	25,000	18.0	18.7	468,000	24,000	18,000	10.7	14.2	256,000
Bottineau	61,000	57,000	19.0	20.3	1,156,000	34,000	22,000	7.4	11.5	252,000
McHenry	129,000	115,000	16.2	18.2	2,094,600	60,900	44,900	8.5	11.5	518,000
Pierce	54,500	49,000	15.2	16.9	827,000	45,500	36,000	10.5	13.3	478,000
Rolette	9,200	7,600	16.2	19.6	149,000	5,800	5,400	12.1	13.0	70,000
North Central	279,700	253,600	16.8	18.5	4,694,600	170,200	126,300	9.2	12.5	1,574,000
Cavalier	84,000	79,000	28.4	30.2	2,388,000	126,000	116,000	19.7	21.4	2,487,000
Grand Forks	84,400	80,000	27.7	29.2	2,336,500	175,300	139,700	12.9	16.2	2,268,500
Nelson	28,000	27,100	19.4	20.0	542,500	48,000	39,900	11.7	14.1	563,500
Pembina	62,000	52,500	27.5	32.5	1,705,000	227,800	197,300	21.0	24.3	4,786,000
Ramsey	34,500	30,500	23.7	26.8	816,000	41,500	36,500	14.2	16.2	591,000
Towner	4,500	4,000	22.7	25.5	102,000	13,500	12,000	16.7	18.8	226,000
Walsh	63,100	60,100	25.8	27.0	1,625,000	176,900	124,900	14.3	20.3	2,538,000
Northeast	360,500	333,200	26.4	28.6	9,515,000	809,000	666,300	16.6	20.2	13,460,000
Dunn	107,500	64,500	6.3	10.5	676,000	32,500	5,500	1.1	6.7	37,000
McKenzie	113,800	58,100	4.4	8.6	501,500	8,000	2,000	1.3	5.0	10,000
McLean	121,900	109,300	14.4	16.1	1,761,300	57,400	35,000	4.4	7.2	252,500
Mercer	63,500	54,500	13.0	15.2	826,000	31,500	16,500	4.4	8.4	138,000
Oliver	40,000	29,000	10.6	14.6	422,000	20,000	12,000	4.8	7.9	95,000
West Central	446,700	315,400	9.4	13.3	4,186,800	149,400	71,000	3.6	7.5	532,500
Eddy	23,500	22,500	24.5	25.6	576,000	51,500	47,500	16.8	18.2	866,000
Foster	58,000	50,000	23.2	26.9	1,345,600	46,200	30,600	8.5	12.9	395,000
Kidder	24,500	18,100	9.1	12.4	224,000	60,300	30,700	3.4	6.6	203,600
Sheridan	85,000	77,000	16.1	17.7	1,366,000	55,000	33,000	5.6	9.3	307,000
Stutsman	135,000	107,000	15.6	19.7	2,105,000	150,000	113,000	11.2	14.8	1,673,000
Wells	97,000	88,000	21.6	23.8	2,093,000	73,000	62,000	14.7	17.3	1,072,000
Central	423,000	362,600	18.2	21.3	7,709,600	436,000	316,800	10.4	14.3	4,516,600
Barnes	86,200	77,000	23.2	26.0	2,003,800	193,100	172,500	13.0	14.6	2,513,200
Cass	23,600	23,000	38.4	39.4	906,000	336,000	326,700	24.5	25.2	8,242,000
Griggs	47,400	46,400	24.0	24.5	1,138,000	77,100	68,100	11.3	12.8	869,000
Steele	40,000	39,500	30.6	30.9	1,222,000	105,000	100,500	16.6	17.3	1,739,000
Traill	31,400	29,400	34.6	37.0	1,087,000	138,300	135,300	26.9	27.5	3,716,000
East Central	228,600	215,300	27.8	29.5	6,356,800	849,500	803,100	20.1	21.3	17,079,200
Adams	74,700	38,000	4.5	8.9	338,000	22,300	8,000	1.5	4.3	34,000
Billings	30,000	12,000	4.0	10.0	120,000	3,000	1,000	1.7	5.0	5,000
Bowman	62,200	40,300	6.9	10.7	431,000	6,800	1,700	2.2	8.8	15,000
Golden Valley	33,400	17,000	4.2	8.3	141,000	8,600	3,000	1.3	3.7	11,000
Hettinger	168,500	130,000	8.0	10.4	1,346,000	46,500	10,000	1.5	7.2	72,000
Slope	80,000	46,000	6.5	11.3	520,000	9,000	3,000	2.8	8.3	25,000
Stark	137,000	110,000	10.2	12.7	1,398,000	38,000	10,000	1.6	5.9	59,000
Southwest	585,800	393,300	7.3	10.9	4,294,000	134,200	36,700	1.6	6.0	221,000
Burleigh	69,600	48,600	10.6	15.2	737,000	120,000	38,000	2.0	6.2	236,000
Emmons	75,000	47,500	7.1	11.3	535,000	115,000	38,500	2.0	5.9	229,000
Grant	103,000	77,400	9.0	11.9	923,000	26,900	9,500	2.3	6.5	62,000
Morton	88,700	61,000	9.9	14.4	880,000	56,200	13,900	2.1	8.3	116,000
Sioux	16,000	11,800	9.2	12.5	147,000	18,800	13,000	3.7	5.3	69,000
South Central	352,300	246,300	9.1	13.1	3,222,000	336,900	112,900	2.1	6.3	712,000
Dickey	16,000	15,300	20.4	21.4	327,000	118,800	109,500	14.5	15.8	1,727,000
LaMoure	50,800	47,800	21.9	23.3	1,112,000	129,000	117,000	15.7	17.3	2,020,000
Logan	48,500	46,500	15.1	15.7	731,000	71,500	43,500	3.0	4.9	214,000
McIntosh	51,000	42,500	9.0	10.8	458,000	89,000	52,500	2.9	4.9	255,000
Ransom	12,400	11,000	27.6	31.1	342,000	102,500	98,900	13.8	14.3	1,417,000
Richland	20,000	14,000	23.7	33.9	474,000	200,000	186,000	25.6	27.6	5,129,000
Sargent	16,000	15,500	30.3	31.3	485,000	104,000	99,500	23.0	24.0	2,392,000
Southeast	214,700	192,600	18.3	20.4	3,929,000	814,800	706,900	16.1	18.6	13,154,000
STATE	3,383,600	2,777,200	15.6	19.1	52,952,800	3,806,600	2,914,000	13.7	17.9	52,148,800

1/ See page 99 for irrigated acres.

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1981 (Final) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	87,000	86,000	26.1	26.5	2,275,000	8,000	8,000	21.1	21.1	169,000
Divide	32,000	32,000	22.2	22.2	709,000	6,800	6,800	22.2	22.2	151,000
Mountrail	29,000	29,000	25.7	25.7	744,000	6,000	6,000	27.7	27.7	166,000
Renville	80,000	79,500	28.9	29.1	2,311,000	40,000	39,500	28.5	28.9	1,140,000
Ward	78,000	77,000	33.3	33.7	2,595,000	51,800	51,800	31.9	31.9	1,654,000
Williams	191,000	184,000	27.1	28.2	5,182,000	8,700	8,700	24.0	24.0	209,000
Northwest	497,000	487,500	27.8	28.3	13,816,000	121,300	120,800	28.8	28.9	3,489,000
Benson	21,500	21,500	27.8	27.8	598,500	28,200	27,200	23.5	24.4	663,000
Bottineau	76,000	75,500	27.7	27.9	2,104,000	29,000	28,500	24.2	24.6	701,000
McHenry	115,000	113,000	28.5	29.0	3,274,000	54,900	53,900	25.4	25.8	1,393,000
Pierce	36,000	36,000	27.9	27.9	1,005,000	54,000	54,000	26.3	26.3	1,422,000
Rolette	8,000	8,000	26.4	26.4	211,000	7,000	7,000	12.7	12.7	89,000
North Central	256,500	254,000	28.0	28.3	7,192,500	173,100	170,600	24.7	25.0	4,268,000
Cavalier	59,000	58,500	32.6	32.9	1,922,000	126,000	125,500	30.0	30.1	3,782,000
Grand Forks	62,800	61,800	41.2	41.9	2,587,000	187,000	185,000	38.9	39.3	7,277,000
Nelson	30,000	29,500	36.7	37.3	1,100,000	75,000	74,500	35.9	36.2	2,696,000
Pembina	42,000	42,000	37.3	37.3	1,566,000	228,000	227,000	35.0	35.2	7,983,000
Ramsey	41,000	40,500	28.1	28.5	1,154,000	34,000	33,500	28.1	28.5	955,000
Towner	10,000	10,000	32.0	32.0	320,000	10,000	10,000	30.0	30.0	300,000
Walsh	75,000	74,500	37.6	37.9	2,820,000	160,000	157,500	38.9	39.5	6,228,000
Northeast	319,800	316,800	35.9	36.2	11,469,000	820,000	813,000	35.6	35.9	29,221,000
Dunn	100,000	96,000	19.5	20.3	1,946,000	34,900	33,900	14.9	15.4	521,000
McKenzie	120,000	117,000	22.2	22.7	2,661,000	6,400	6,400	19.5	19.5	125,000
McLean	96,000	95,500	29.4	29.6	2,824,000	33,800	33,300	23.0	23.4	779,000
Mercer	65,000	64,600	26.7	26.8	1,734,000	24,800	24,700	25.4	25.5	630,000
Oliver	28,000	27,700	24.8	25.0	693,000	26,900	26,700	21.7	21.9	584,000
West Central	409,000	400,800	24.1	24.6	9,858,000	126,800	125,000	20.8	21.1	2,639,000
Eddy	14,800	14,800	30.6	30.6	453,000	55,000	54,500	23.2	23.4	1,276,000
Foster	43,300	43,000	33.6	33.8	1,455,500	66,000	65,300	30.3	30.7	2,003,000
Kidder	39,000	39,000	25.9	25.9	1,011,000	51,000	50,500	23.1	23.3	1,179,000
Sheridan	98,000	97,500	30.3	30.5	2,974,000	37,000	36,500	26.3	26.7	973,000
Stutsman	135,000	135,000	32.3	32.3	4,357,000	185,000	184,000	27.2	27.4	5,040,000
Wells	75,000	74,500	31.5	31.7	2,365,000	90,000	89,500	28.3	28.5	2,548,000
Central	405,100	403,800	31.1	31.2	12,615,500	484,000	480,300	26.9	27.1	13,019,000
Barnes	59,900	58,900	33.2	33.8	1,990,500	210,000	209,000	30.1	30.2	6,313,000
Cass	14,700	13,700	33.8	36.2	496,500	310,000	308,000	33.7	33.9	10,451,000
Griggs	37,900	37,600	35.1	35.4	1,330,000	72,000	71,300	28.4	28.7	2,045,500
Steele	25,000	25,000	37.9	37.9	947,000	115,000	112,000	35.2	36.2	4,053,000
Traill	20,000	20,000	36.9	36.9	737,000	135,000	134,000	39.1	39.4	5,275,000
East Central	157,500	155,200	34.9	35.4	5,501,000	842,000	834,300	33.4	33.7	28,137,500
Adams	110,000	102,000	16.4	17.7	1,801,000	25,000	22,000	7.3	8.3	183,000
Billings	34,000	29,000	12.5	14.6	424,000	6,000	5,000	8.7	10.4	52,000
Bowman	65,000	57,000	12.6	14.4	820,000	12,000	9,000	5.9	7.9	71,000
Golden Valley	41,000	36,000	15.3	17.4	626,000	6,000	5,000	11.8	14.2	71,000
Hettinger	185,000	174,000	21.1	22.4	3,899,000	45,000	43,000	14.6	15.3	658,000
Slope	73,000	71,000	21.5	22.1	1,571,000	13,000	12,000	13.2	14.3	171,000
Stark	140,000	132,000	17.2	18.3	2,411,000	45,000	43,000	12.5	13.1	562,000
Southwest	648,000	601,000	17.8	19.2	11,552,000	152,000	139,000	11.6	12.7	1,768,000
Burleigh	107,000	104,000	24.6	25.3	2,629,500	77,300	75,300	19.2	19.7	1,486,000
Emmons	47,800	46,800	24.1	24.6	1,152,000	162,000	156,000	19.8	20.6	3,207,000
Grant	96,000	95,500	24.2	24.3	2,322,000	38,900	34,400	13.8	15.6	535,000
Morton	114,000	106,000	23.2	25.0	2,647,000	46,000	42,000	16.6	18.2	763,000
Sioux	27,000	26,500	17.6	17.9	475,000	13,000	12,500	11.5	12.0	150,000
South Central	391,800	378,800	23.5	24.4	9,225,500	337,200	320,200	18.2	19.2	6,141,000
Dickey	13,800	13,800	27.6	27.6	381,000	116,000	112,000	17.3	17.9	2,006,000
LaMoure	39,800	39,800	29.3	29.3	1,165,000	135,000	134,000	21.0	21.1	2,830,000
Logan	53,000	52,500	26.1	26.3	1,383,000	67,000	66,500	20.2	20.4	1,354,000
McIntosh	45,000	45,000	23.4	23.4	1,051,000	115,000	114,000	19.9	20.1	2,293,000
Ransom	16,000	15,500	33.0	34.1	528,000	108,000	107,500	26.8	27.0	2,899,000
Richland	10,000	10,000	31.9	31.9	319,000	210,000	209,000	35.0	35.2	7,356,000
Sargent	4,600	4,600	36.7	36.7	169,000	115,000	114,000	28.4	28.6	3,266,000
Southeast	182,200	181,200	27.4	27.6	4,996,000	866,000	857,000	25.4	25.7	22,004,000
STATE	3,266,900	3,179,100	26.4	27.1	86,225,500	3,922,400	3,860,200	28.2	28.7	110,686,500

1/ See page 100 for irrigated acres.

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1982 (Final) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	91,700	89,700	24.6	25.2	2,259,000	11,300	11,300	23.5	23.5	266,000
Divide	30,600	30,600	29.7	29.7	907,500	2,900	2,900	29.7	29.7	86,000
Mountrail	32,200	30,200	28.0	29.8	900,000	6,800	6,800	30.9	30.9	210,000
Renville	84,300	83,800	34.8	35.0	2,936,000	34,700	34,200	27.6	28.0	958,000
Ward	68,700	68,500	34.2	34.3	2,352,800	98,200	97,400	30.9	31.2	3,035,000
Williams	153,300	149,700	27.8	28.5	4,262,000	23,400	23,000	27.0	27.5	632,000
Northwest	460,800	452,500	29.6	30.1	13,617,300	177,300	175,600	29.3	29.5	5,187,000
Benson	22,600	22,400	32.5	32.8	735,500	30,900	30,600	27.4	27.7	847,000
Bottineau	69,200	68,700	31.4	31.6	2,170,000	47,800	47,300	31.0	31.4	1,484,000
McHenry	111,500	110,000	32.6	33.0	3,631,000	69,500	69,000	26.7	26.9	1,855,000
Pierce	30,200	29,900	32.0	32.3	965,000	47,800	47,100	26.5	26.9	1,268,000
Rolette	10,000	9,800	30.1	30.7	301,000	10,000	9,700	29.4	30.3	294,000
North Central	243,500	240,800	32.0	32.4	7,802,500	206,000	203,700	27.9	28.2	5,748,000
Cavalier	51,700	50,700	35.9	36.6	1,855,000	192,300	191,300	37.5	37.7	7,220,000
Grand Forks	50,100	50,100	44.2	44.2	2,216,500	202,400	201,400	40.0	40.2	8,088,000
Nelson	29,500	29,000	39.7	40.3	1,170,000	83,500	82,000	36.5	37.2	3,048,000
Pembina	41,000	40,500	40.0	40.5	1,640,000	232,000	229,500	39.8	40.2	9,234,000
Ramsey	35,200	34,700	32.3	32.8	1,137,000	52,800	51,300	30.6	31.5	1,615,000
Towner	7,700	7,200	32.2	34.4	248,000	16,300	15,800	32.8	33.8	534,000
Walsh	33,300	32,300	32.6	33.7	1,087,000	211,700	203,700	36.7	38.1	7,763,000
Northeast	248,500	244,500	37.6	38.3	9,353,500	991,000	975,000	37.8	38.5	37,502,000
Dunn	77,700	76,700	25.6	25.9	1,988,000	42,300	41,300	21.2	21.7	895,000
McKenzie	74,300	73,800	31.0	31.3	2,307,000	29,700	29,200	22.5	22.8	667,000
McLean	89,800	87,300	31.5	32.4	2,831,000	57,200	53,700	24.1	25.6	1,377,000
Mercer	69,100	68,400	28.8	29.1	1,991,000	11,700	11,400	23.9	24.6	280,000
Oliver	33,400	33,400	32.7	32.7	1,092,000	19,600	19,600	26.8	26.8	525,000
West Central	344,300	339,600	29.7	30.1	10,209,000	160,500	155,200	23.3	24.1	3,744,000
Eddy	19,700	19,600	34.8	34.9	685,000	39,100	38,700	30.1	30.4	1,177,000
Foster	22,000	21,800	33.8	34.2	744,500	75,500	74,700	32.2	32.6	2,434,000
Kidder	23,800	23,700	27.6	27.7	656,000	59,100	58,700	21.6	21.8	1,279,000
Sheridan	82,200	76,200	26.4	28.5	2,174,000	33,800	31,800	23.6	25.0	796,000
Stutsman	79,900	79,600	36.4	36.5	2,909,000	193,000	192,300	30.1	30.2	5,806,000
Wells	58,500	57,400	32.6	33.2	1,908,000	92,500	89,600	29.4	30.4	2,723,000
Central	286,100	278,300	31.7	32.6	9,076,500	493,000	485,800	28.8	29.3	14,215,000
Barnes	45,100	44,700	38.0	38.3	1,714,000	219,900	218,300	33.5	33.7	7,360,000
Cass	5,200	5,200	38.3	38.3	199,000	297,100	292,100	38.4	39.1	11,417,000
Griggs	36,100	35,900	38.6	38.9	1,395,000	76,600	75,800	35.7	36.1	2,737,000
Steele	20,500	20,500	42.6	42.6	874,000	116,500	115,500	39.2	39.5	4,566,000
Traill	9,800	9,800	41.8	41.8	410,000	142,200	141,200	43.8	44.2	6,234,000
East Central	116,700	116,100	39.3	39.6	4,592,000	852,300	842,900	37.9	38.3	32,314,000
Adams	80,900	78,900	21.9	22.4	1,771,000	36,100	35,100	22.0	22.6	794,000
Billings	27,200	26,900	21.9	22.2	596,000	6,800	6,600	15.9	16.4	108,000
Bowman	64,400	63,200	21.2	21.6	1,363,000	13,600	13,300	17.9	18.3	244,000
Golden Valley	31,400	30,900	22.6	22.9	709,000	17,600	17,100	18.4	18.9	323,000
Hettinger	138,500	135,700	24.5	25.0	3,395,000	56,500	55,300	22.9	23.4	1,294,000
Slope	85,200	84,400	27.3	27.5	2,323,000	6,800	6,600	26.5	27.3	180,000
Stark	129,100	126,600	23.0	23.4	2,965,000	35,900	34,400	20.6	21.5	738,000
Southwest	556,700	546,600	23.6	24.0	13,122,000	173,300	168,400	21.2	21.9	3,681,000
Burleigh	58,800	56,300	28.3	29.5	1,661,500	87,700	86,200	23.2	23.7	2,039,000
Emmons	57,800	57,300	24.6	24.8	1,421,000	148,100	147,600	20.2	20.2	2,985,000
Grant	73,700	72,200	24.6	25.1	1,814,000	40,200	38,700	21.1	21.9	846,500
Morton	76,400	75,900	27.9	28.1	2,130,000	67,600	67,100	24.6	24.7	1,660,000
Sioux	20,500	20,000	22.3	22.9	457,000	18,500	18,000	17.4	17.9	322,000
South Central	287,200	281,700	26.1	26.6	7,483,500	362,100	357,600	21.7	22.0	7,852,500
Dickey	11,400	11,300	30.9	31.1	351,900	76,300	75,900	20.3	20.4	1,547,000
LaMoure	44,600	44,500	35.3	35.4	1,575,000	97,000	96,600	31.0	31.1	3,004,000
Logan	40,900	40,600	32.1	32.4	1,314,000	66,100	65,900	20.4	20.5	1,349,000
McIntosh	36,200	36,000	26.4	26.6	957,000	95,800	95,500	18.2	18.2	1,739,000
Ransom	11,500	11,500	34.3	34.3	395,000	100,300	99,800	24.3	24.4	2,440,000
Richland	4,900	4,900	38.8	38.8	190,000	191,100	189,100	30.5	30.8	5,824,000
Sargent	4,900	4,900	31.6	31.6	155,000	98,100	97,600	23.5	23.6	2,305,000
Southeast	154,400	153,700	32.0	32.1	4,937,900	724,700	720,400	25.1	25.3	18,208,000
STATE	2,698,200	2,653,800	29.7	30.2	80,194,200	4,140,200	4,084,600	31.0	31.4	128,451,500

1/ See page 101 for irrigated acres.

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1983 (Revised) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	77,000	77,000	25.1	25.1	1,929,000	8,000	8,000	24.5	24.5	196,000
Divide	20,000	20,000	21.0	21.0	420,000	4,400	4,400	18.9	18.9	83,200
Mountrail	30,000	30,000	21.4	21.4	641,000	5,000	5,000	22.4	22.4	112,000
Renville	62,000	62,000	30.1	30.1	1,867,000	18,000	18,000	25.2	25.2	453,000
Ward	82,000	82,000	31.1	31.1	2,547,000	43,000	43,000	25.7	25.7	1,107,000
Williams	139,000	139,000	20.9	20.9	2,904,000	20,300	20,300	21.0	21.0	426,600
Northwest	410,000	410,000	25.1	25.1	10,308,000	98,700	98,700	24.1	24.1	2,377,800
Benson	29,000	29,000	25.1	25.1	729,000	25,300	25,300	22.4	22.4	566,500
Bottineau	50,000	50,000	30.7	30.7	1,533,000	25,000	25,000	28.7	28.7	717,000
McHenry	75,000	75,000	28.5	28.5	2,135,000	39,900	39,900	22.9	22.9	915,500
Pierce	31,000	31,000	23.0	23.0	713,000	29,000	29,000	20.9	20.9	607,000
Rolette	6,000	6,000	28.5	28.5	171,000	9,000	9,000	22.7	22.7	204,000
North Central	191,000	191,000	27.6	27.6	5,281,000	128,200	128,200	23.5	23.5	3,010,000
Cavalier	59,000	59,000	33.6	33.6	1,985,000	111,000	111,000	29.6	29.6	3,285,000
Grand Forks	39,000	39,000	34.9	34.9	1,362,000	140,700	140,700	36.3	36.3	5,106,000
Nelson	25,000	25,000	30.8	30.8	771,000	54,800	54,800	28.9	28.9	1,581,000
Pembina	40,000	40,000	33.7	33.7	1,348,000	135,000	135,000	37.3	37.3	5,040,000
Ramsey	31,000	31,000	30.6	30.6	948,000	54,000	54,000	26.5	26.5	1,432,000
Towner	11,000	11,000	29.1	29.1	320,000	24,000	24,000	26.0	26.0	625,000
Walsh	51,000	51,000	31.2	31.2	1,589,000	134,000	134,000	34.5	34.5	4,618,000
Northeast	256,000	256,000	32.5	32.5	8,323,000	653,500	653,500	33.2	33.2	21,687,000
Dunn	70,000	63,000	20.9	23.3	1,466,000	30,000	27,000	17.1	19.0	514,000
McKenzie	72,300	72,300	23.3	23.3	1,681,000	20,000	20,000	22.2	22.2	443,800
McLean	106,800	103,800	26.0	26.7	2,776,000	38,000	36,000	24.2	25.6	920,800
Mercer	40,000	36,000	22.8	25.4	913,000	10,000	9,000	19.0	21.1	190,000
Oliver	19,000	19,000	26.7	26.7	507,000	21,000	21,000	22.5	22.5	473,000
West Central	308,100	294,100	23.8	25.0	7,343,000	119,000	113,000	21.4	22.5	2,541,600
Eddy	15,600	15,600	26.0	26.0	406,000	34,000	34,000	22.9	22.9	780,000
Foster	32,000	30,000	27.7	29.5	885,000	42,400	39,400	24.8	26.7	1,051,000
Kidder	15,100	15,100	24.3	24.3	367,000	33,500	33,500	16.9	16.9	565,800
Sheridan	54,000	54,000	26.2	26.2	1,414,000	31,000	31,000	22.9	22.9	711,000
Stutsman	76,600	74,600	26.7	27.4	2,042,000	108,000	105,000	23.4	24.1	2,530,000
Wells	49,000	49,000	28.3	28.3	1,385,000	56,000	56,000	27.0	27.0	1,510,000
Central	242,300	238,300	26.8	27.3	6,499,000	304,900	298,900	23.4	23.9	7,147,800
Barnes	52,800	50,800	28.2	29.3	1,490,000	137,000	134,000	26.2	26.8	3,591,000
Cass	17,000	16,000	30.1	32.0	512,000	207,900	198,900	32.3	33.8	6,716,000
Griggs	31,000	31,000	29.7	29.7	920,000	38,800	38,800	25.7	25.7	995,600
Steele	24,000	24,000	31.5	31.5	757,000	70,800	70,800	29.4	29.4	2,084,000
Traill	11,000	11,000	30.7	30.7	338,000	104,000	104,000	35.5	35.5	3,687,000
East Central	135,800	132,800	29.6	30.2	4,017,000	558,500	546,500	30.6	31.2	17,073,600
Adams	64,000	64,000	25.4	25.4	1,624,000	16,000	16,000	21.0	21.0	336,000
Billings	18,000	18,000	21.2	21.2	382,000	10,000	10,000	17.8	17.8	178,000
Bowman	49,000	44,000	19.2	21.4	941,000	6,000	6,000	18.2	18.2	109,000
Golden Valley	37,000	33,000	15.6	17.5	579,000	5,000	4,000	13.8	17.3	69,000
Hettinger	126,000	122,000	26.7	27.6	3,365,000	24,000	23,000	21.6	22.6	519,000
Slope	50,000	46,000	23.0	25.0	1,148,000	10,000	9,000	17.2	19.1	172,000
Stark	97,000	97,000	24.9	24.9	2,416,000	18,000	18,000	22.3	22.3	402,000
Southwest	441,000	424,000	23.7	24.7	10,455,000	89,000	86,000	20.1	20.8	1,785,000
Burleigh	46,000	44,000	22.5	23.5	1,034,000	58,500	55,500	17.9	18.9	1,049,500
Emmons	37,000	37,000	22.0	22.0	815,000	98,400	96,400	18.3	18.7	1,804,000
Grant	68,000	64,000	25.0	26.6	1,702,000	16,800	15,800	22.0	23.4	369,000
Morton	61,000	51,000	20.5	24.5	1,248,000	44,000	34,000	16.1	20.8	707,000
Sioux	17,000	15,000	18.5	21.0	315,000	11,000	10,000	16.8	18.5	185,000
South Central	229,000	211,000	22.3	24.2	5,114,000	228,700	211,700	18.0	19.4	4,114,500
Dickey	12,000	12,000	25.5	25.5	306,000	77,200	77,200	21.3	21.3	1,646,000
LaMoure	46,000	46,000	26.5	26.5	1,219,000	78,500	78,500	21.4	21.4	1,679,000
Logan	39,800	39,800	19.6	19.6	782,000	40,000	40,000	18.2	18.2	729,000
McIntosh	35,000	35,000	23.2	23.2	813,000	58,000	58,000	18.9	18.9	1,094,000
Ransom	13,000	13,000	30.4	30.4	395,000	66,000	66,000	26.7	26.7	1,765,000
Richland	8,000	8,000	35.5	35.5	284,000	139,000	139,000	32.9	32.9	4,567,000
Sargent	6,000	6,000	28.8	28.8	173,000	73,800	73,800	24.6	24.6	1,817,000
Southeast	159,800	159,800	24.8	24.8	3,971,000	532,500	532,500	25.0	25.0	13,297,000
STATE	2,373,000	2,317,000	25.8	26.5	61,311,000	2,713,000	2,669,000	26.9	27.4	73,034,300

1/ See page 102 for irrigated acres.

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1984 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	76,000	75,500	21.5	21.7	1,637,000	9,000	8,500	14.1	14.9	127,000
Divide	29,000	27,000	13.1	14.0	379,000	200	200	7.0	7.0	1,400
Mountrail	27,000	26,000	17.1	17.7	461,000	3,000	3,000	20.3	20.3	61,000
Renville	74,000	73,000	34.1	34.6	2,525,000	16,000	16,000	28.5	28.5	456,000
Ward	104,000	104,000	31.6	31.6	3,282,000	36,000	36,000	28.4	28.4	1,022,000
Williams	141,000	138,000	16.1	16.5	2,276,000	12,600	10,600	10.3	12.3	130,400
Northwest	451,000	443,500	23.4	23.8	10,560,000	76,800	74,300	23.4	24.2	1,797,800
Benson	30,000	30,000	31.4	31.4	942,000	19,800	19,800	29.0	29.0	574,600
Bottineau	53,000	53,000	25.6	25.6	1,358,000	17,000	17,000	21.0	21.0	357,000
McHenry	79,000	79,000	26.1	26.1	2,062,000	41,000	41,000	21.8	21.8	893,000
Pierce	41,000	41,000	27.4	27.4	1,124,000	24,000	24,000	23.6	23.6	566,000
Rolette	9,000	9,000	30.7	30.7	276,000	6,000	6,000	26.5	26.5	159,000
North Central	212,000	212,000	27.2	27.2	5,762,000	107,800	107,800	23.7	23.7	2,549,600
Cavalier	110,000	110,000	43.0	43.0	4,725,000	50,000	50,000	38.3	38.3	1,915,000
Grand Forks	84,000	83,000	48.6	49.2	4,084,000	100,600	99,600	50.1	50.6	5,038,000
Nelson	54,000	54,000	40.4	40.4	2,182,000	35,900	35,900	39.3	39.3	1,412,000
Pembina	95,000	95,000	49.0	49.0	4,653,000	125,000	125,000	51.1	51.1	6,390,000
Ramsey	59,000	58,500	33.7	34.0	1,988,000	36,000	35,500	32.3	32.7	1,161,000
Towner	11,000	11,000	35.9	35.9	395,000	9,000	9,000	29.4	29.4	265,000
Walsh	107,000	106,000	50.3	50.8	5,385,000	102,900	101,900	50.7	51.2	5,216,500
Northeast	520,000	517,500	45.0	45.2	23,412,000	459,400	456,900	46.6	46.8	21,397,500
Dunn	83,000	82,000	24.9	25.2	2,066,000	27,000	26,000	19.5	20.2	526,000
McKenzie	65,000	62,600	18.0	18.7	1,169,000	12,200	9,600	8.7	11.1	106,600
McLean	108,000	106,500	27.5	27.9	2,971,000	31,000	30,500	24.0	24.4	745,000
Mercer	61,000	60,400	25.7	25.9	1,565,000	6,900	6,500	20.3	21.5	140,000
Oliver	29,000	29,000	29.2	29.2	847,000	10,900	10,900	22.8	22.8	249,000
West Central	346,000	340,500	24.9	25.3	8,618,000	88,000	83,500	20.1	21.2	1,766,600
Eddy	23,000	23,000	32.1	32.1	738,000	26,900	26,900	26.3	26.3	708,000
Foster	54,000	54,000	37.0	37.0	1,996,000	35,900	35,900	34.5	34.5	1,240,000
Kidder	35,000	34,500	26.0	26.4	911,000	28,700	28,200	23.1	23.5	663,800
Sheridan	68,000	66,000	26.3	27.1	1,790,000	32,000	32,000	23.7	23.7	758,000
Stutsman	127,000	125,700	35.5	35.9	4,509,000	72,900	72,200	31.8	32.1	2,318,200
Wells	85,000	85,000	33.1	33.1	2,817,000	40,000	40,000	29.3	29.3	1,170,000
Central	392,000	388,200	32.6	32.9	12,761,000	236,400	235,200	29.0	29.2	6,858,000
Barnes	116,000	116,000	41.0	41.0	4,758,000	83,800	83,800	38.5	38.5	3,230,000
Cass	73,000	73,000	47.8	47.8	3,487,000	137,000	137,000	48.8	48.8	6,679,000
Griggs	62,000	62,000	36.6	36.6	2,270,000	23,000	23,000	32.5	32.5	748,000
Steele	57,000	57,000	46.4	46.4	2,643,000	52,800	52,800	43.5	43.5	2,297,000
Traill	41,000	41,000	48.3	48.3	1,982,000	73,900	73,900	49.3	49.3	3,646,500
East Central	349,000	349,000	43.4	43.4	15,140,000	370,500	370,500	44.8	44.8	16,600,500
Adams	57,000	57,000	30.8	30.8	1,757,000	18,000	18,000	25.3	25.3	456,000
Billings	19,000	18,500	20.1	20.6	382,000	6,000	5,500	16.3	17.8	98,000
Bowman	57,000	56,500	25.6	25.8	1,458,000	8,000	7,500	13.8	14.7	110,000
Golden Valley	35,000	34,500	18.5	18.8	648,000	4,800	4,300	14.0	15.6	67,000
Hettinger	134,000	133,000	33.0	33.3	4,424,000	36,000	36,000	29.7	29.7	1,069,000
Slope	58,000	58,000	27.9	27.9	1,619,000	7,000	7,000	24.1	24.1	169,000
Stark	112,000	112,000	29.3	29.3	3,276,000	38,000	37,000	22.1	22.7	840,000
Southwest	472,000	469,500	28.7	28.9	13,564,000	117,800	115,300	23.8	24.4	2,809,000
Burleigh	83,000	83,000	27.4	27.4	2,275,000	47,000	47,000	21.7	21.7	1,019,000
Emmons	99,000	99,000	31.1	31.1	3,078,000	70,400	70,400	24.6	24.6	1,731,000
Grant	80,000	75,500	25.5	27.0	2,040,000	20,000	17,500	18.9	21.6	378,000
Morton	85,000	83,500	26.4	26.9	2,243,000	40,000	36,500	20.4	22.4	817,000
Sioux	14,000	13,500	26.8	27.8	375,000	11,000	8,500	16.9	21.9	186,000
South Central	361,000	354,500	27.7	28.2	10,011,000	188,400	179,900	21.9	23.0	4,131,000
Dickey	34,000	34,000	36.5	36.5	1,241,000	45,600	45,600	32.9	32.9	1,502,200
LaMoure	85,000	85,000	37.7	37.7	3,207,000	44,800	44,800	34.1	34.1	1,529,600
Logan	61,000	61,000	32.5	32.5	1,983,000	24,000	24,000	25.4	25.4	610,000
McIntosh	59,000	59,000	30.4	30.4	1,795,000	36,000	36,000	25.4	25.4	913,000
Ransom	42,000	42,000	43.6	43.6	1,831,000	37,700	37,700	33.7	33.7	1,271,000
Richland	32,000	32,000	47.5	47.5	1,521,000	123,000	123,000	42.6	42.6	5,235,000
Sargent	21,500	21,500	41.9	41.9	900,000	43,500	43,500	36.9	36.9	1,603,000
Southeast	334,500	334,500	37.3	37.3	12,478,000	354,600	354,600	35.7	35.7	12,663,800
STATE	3,437,500	3,409,200	32.7	32.9	112,306,000	1,999,700	1,978,000	35.3	35.7	70,573,800

1/ See page 103 for irrigated acres.

DURUM WHEAT: Acreage, Yield and Production by Counties, North Dakota, 1980 and 1981 (Final)

District and County	1980					1981				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	110,000	100,000	18.6	20.4	2,043,000	108,000	107,000	22.8	23.0	2,461,000
Divide	230,000	220,000	22.0	23.0	5,055,000	214,000	213,000	28.1	28.2	6,005,000
Mountrail	250,000	230,000	18.8	20.4	4,698,000	253,000	250,000	26.7	27.0	6,750,000
Renville	95,000	85,000	16.9	18.9	1,606,000	108,000	107,000	29.4	29.7	3,178,000
Ward	290,000	260,000	16.5	18.4	4,779,000	302,000	301,000	29.4	29.5	8,880,000
Williams	155,000	145,000	15.8	16.9	2,444,000	175,000	172,000	28.5	29.0	4,988,000
Northwest	1,130,000	1,040,000	18.3	19.8	20,625,000	1,160,000	1,150,000	27.8	28.1	32,262,000
Benson	240,000	210,000	18.0	20.6	4,327,000	234,000	231,000	31.1	31.5	7,277,000
Bottineau	285,000	265,000	17.3	18.6	4,928,000	273,000	270,000	27.2	27.5	7,436,000
McHenry	75,000	65,000	13.9	16.1	1,045,000	73,000	72,000	32.5	33.0	2,376,000
Pierce	95,000	80,000	13.5	16.1	1,287,000	103,000	102,000	28.7	29.0	2,958,000
Rolette	135,000	120,000	18.3	20.6	2,473,000	137,000	135,000	31.0	31.5	4,253,000
North Central	830,000	740,000	16.9	19.0	14,060,000	820,000	810,000	29.6	30.0	24,300,000
Cavalier	210,000	190,000	22.6	25.0	4,749,000	225,000	224,000	30.9	31.0	6,944,000
Grand Forks	32,000	30,000	16.4	17.5	525,000	24,000	24,000	42.0	42.0	1,008,000
Nelson	165,000	155,000	15.5	16.5	2,557,000	140,000	139,000	33.8	34.0	4,726,000
Pembina	18,000	13,000	17.7	24.5	319,000	17,000	16,000	33.9	36.0	576,000
Ramsey	240,000	210,000	18.4	21.0	4,409,000	236,000	234,000	30.7	31.0	7,254,000
Towner	270,000	230,000	17.0	20.0	4,599,000	265,000	261,000	29.5	30.0	7,830,000
Walsh	115,000	92,000	14.8	18.5	1,702,000	103,000	102,000	30.7	31.0	3,162,000
Northeast	1,050,000	920,000	18.0	20.5	18,860,000	1,010,000	1,000,000	31.2	31.5	31,500,000
Dunn	3,000	2,000	6.3	9.5	19,000	7,000	6,300	24.7	27.5	173,000
McKenzie	66,000	49,000	8.6	11.6	569,000	53,000	52,000	22.1	22.5	1,170,000
McLean	240,000	220,000	16.2	17.7	3,884,000	273,000	265,000	25.7	26.5	7,018,000
Mercer	10,000	8,000	13.7	17.1	137,000	11,000	11,000	29.5	29.5	325,000
Oliver	1,000	1,000	11.0	11.0	11,000	6,000	5,700	25.7	27.0	154,000
West Central	320,000	280,000	14.4	16.5	4,620,000	350,000	340,000	25.3	26.0	8,840,000
Eddy	39,000	37,000	21.5	22.6	837,000	38,000	36,500	26.4	27.5	1,004,000
Foster	34,000	31,000	17.4	19.0	590,000	45,000	43,500	31.9	33.0	1,436,000
Kidder	35,000	25,000	9.9	13.9	348,000	39,000	37,500	25.0	26.0	975,000
Sheridan	27,000	22,000	14.3	17.5	385,000	29,000	28,500	23.6	24.0	684,000
Stutsman	150,000	125,000	13.7	16.5	2,057,000	121,000	118,000	32.7	33.5	3,953,000
Wells	145,000	110,000	16.8	22.1	2,433,000	118,000	116,000	30.0	30.5	3,538,000
Central	430,000	350,000	15.5	19.0	6,650,000	390,000	380,000	29.7	30.5	11,590,000
Barnes	57,000	54,000	12.9	13.7	738,000	70,000	69,000	31.5	32.0	2,208,000
Cass	67,000	64,000	22.1	23.1	1,480,000	74,000	73,000	36.5	37.0	2,701,000
Griggs	25,000	23,000	18.4	20.0	460,000	34,000	33,000	31.6	32.5	1,073,000
Steele	15,000	14,000	17.2	18.4	258,000	22,000	21,000	33.9	35.5	746,000
Traill	16,000	15,000	23.7	25.3	379,000	25,000	24,000	38.9	40.5	972,000
East Central	180,000	170,000	18.4	19.5	3,315,000	225,000	220,000	34.2	35.0	7,700,000
Adams	36,000	26,000	8.1	11.2	290,000	30,000	25,000	15.8	19.0	475,000
Billings	2,000	1,000	5.5	11.0	11,000	3,000	2,500	13.3	16.0	40,000
Bowman	44,000	32,000	6.8	9.3	298,000	48,000	43,000	14.8	16.5	710,000
Golden Valley	42,000	22,000	5.9	11.2	246,000	51,000	47,000	17.5	19.0	893,000
Hettinger	30,000	22,000	7.5	10.2	225,000	40,000	39,000	19.5	20.0	780,000
Slope	11,000	7,000	7.1	11.1	78,000	28,000	27,000	25.1	26.0	702,000
Stark	15,000	10,000	7.5	11.2	112,000	25,000	21,500	15.9	18.5	398,000
Southwest	180,000	120,000	7.0	10.5	1,260,000	225,000	205,000	17.8	19.5	3,998,000
Burleigh	23,000	13,000	5.2	9.2	120,000	24,000	23,000	20.1	21.0	483,000
Emmons	19,000	9,000	3.6	7.7	69,000	28,000	27,000	24.1	25.0	676,000
Grant	10,000	7,000	6.4	9.1	64,000	16,000	15,000	23.0	24.5	368,000
Morton	9,000	4,000	4.1	9.3	37,000	7,000	6,500	18.1	19.5	127,000
Sioux	9,000	7,000	5.6	7.1	50,000	15,000	13,500	14.4	16.0	216,000
South Central	70,000	40,000	4.9	8.5	340,000	90,000	85,000	20.8	22.0	1,870,000
Dickey	33,000	32,000	16.0	16.5	529,000	43,000	40,500	21.7	23.0	932,000
LaMoure	67,000	60,000	13.4	14.9	896,000	72,000	69,000	23.0	24.0	1,654,000
Logan	20,000	13,000	9.7	14.9	194,000	25,000	24,000	25.0	26.0	624,000
McIntosh	20,000	16,000	7.7	9.6	154,000	20,000	19,000	22.8	24.0	456,000
Ransom	16,000	16,000	20.3	20.3	324,000	11,000	10,500	22.0	23.0	242,000
Richland	23,000	22,000	28.0	29.3	645,000	29,000	28,000	34.3	35.5	994,000
Sargent	31,000	31,000	21.9	21.9	678,000	30,000	29,000	30.9	32.0	928,000
Southeast	210,000	190,000	16.3	18.0	3,420,000	230,000	220,000	25.3	26.5	5,830,000
STATE	4,400,000	3,850,000	16.6	19.0	73,150,000	4,500,000	4,410,000	28.4	29.0	127,890,000

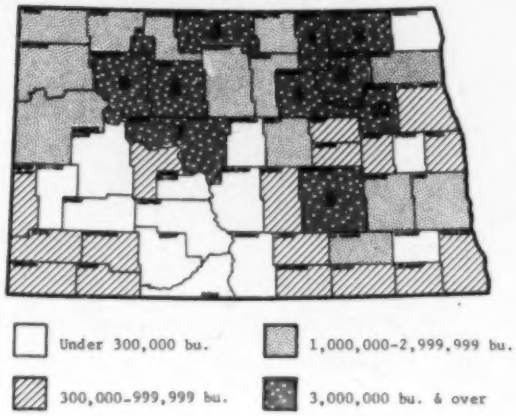
DURUM WHEAT: Acreage, Yield and Production by Counties,
North Dakota, 1982 (Final) and 1983 (Revised)

District and County	1982					1983				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	79,000	77,000	25.3	26.0	2,002,000	52,000	52,000	26.0	26.0	1,352,000
Divide	196,000	193,000	27.6	28.0	5,404,000	153,500	151,500	23.7	24.0	3,636,000
Mountrail	225,000	200,000	29.3	33.0	6,600,000	169,000	166,000	24.1	24.5	4,067,000
Renville	88,000	87,000	33.1	33.5	2,915,000	59,000	59,000	29.0	29.0	1,711,000
Ward	235,000	230,000	32.3	33.0	7,598,000	158,000	155,000	30.9	31.5	4,890,000
Williams	167,000	163,000	29.8	30.5	4,972,000	127,500	126,500	21.8	22.0	2,783,000
Northwest	990,000	950,000	29.8	31.0	29,491,000	719,000	710,000	25.6	26.0	18,439,000
Benson	197,000	195,000	32.7	33.0	6,435,000	118,000	117,000	27.3	27.5	3,218,000
Bottineau	217,000	215,000	33.7	34.0	7,306,000	152,000	150,000	29.6	30.0	4,495,000
McHenry	30,000	30,000	33.0	33.0	990,000	23,000	22,000	23.9	25.0	550,000
Pierce	88,000	88,000	33.0	33.0	2,904,000	53,000	52,000	24.5	25.0	1,300,000
Rolette	108,000	107,000	33.7	34.0	3,638,000	74,000	74,000	25.0	25.0	1,850,000
North Central	640,000	635,000	33.2	33.5	21,273,000	420,000	415,000	27.2	27.5	11,413,000
Cavalier	143,000	142,000	37.7	38.0	5,396,000	80,000	79,000	29.3	29.6	2,342,000
Grand Forks	15,000	15,000	39.0	39.0	585,000	8,000	8,000	35.0	35.0	280,000
Nelson	114,000	113,000	37.7	38.0	4,294,000	68,000	67,000	28.6	29.0	1,943,000
Pembina	5,000	5,000	43.6	43.6	218,000	3,000	3,000	32.0	32.0	96,000
Ramsey	217,000	213,000	32.4	33.0	7,029,000	99,000	98,000	26.7	27.0	2,646,000
Towner	247,000	239,000	33.8	35.0	8,355,000	129,000	126,000	24.9	25.5	3,213,000
Walsh	69,000	68,000	34.0	34.5	2,346,000	23,000	23,000	30.0	30.0	690,000
Northeast	810,000	795,000	34.8	35.5	28,223,000	410,000	404,000	27.3	27.7	11,210,000
Dunn	5,000	4,600	28.4	30.9	142,000	4,500	4,500	20.0	20.0	90,000
McKenzie	47,000	46,000	29.4	30.0	1,380,000	41,000	40,000	23.4	24.0	960,000
McLean	196,000	180,000	30.3	33.0	5,948,000	102,500	99,500	24.5	25.3	2,515,000
Mercer	15,000	14,500	32.9	34.0	493,000	10,000	10,000	28.5	28.5	285,000
Oliver	2,000	1,900	32.5	34.2	65,000	---	---	---	---	---
West Central	265,000	247,000	30.3	32.5	8,028,000	158,000	154,000	24.4	25.0	3,850,000
Eddy	30,000	29,500	35.4	36.0	1,062,000	13,000	13,000	24.0	24.0	312,000
Foster	32,000	31,500	34.0	34.5	1,087,000	19,000	18,000	27.0	28.5	513,000
Kidder	17,000	17,000	28.5	28.5	485,000	24,000	24,000	24.0	24.0	576,000
Sheridan	20,000	19,000	25.7	27.0	513,000	4,500	4,500	22.4	22.4	101,000
Stutsman	108,000	107,000	32.1	32.4	3,472,000	76,000	69,000	20.9	23.0	1,587,000
Wells	88,000	86,000	35.2	36.0	3,096,000	64,500	63,500	28.0	28.5	1,807,000
Central	295,000	290,000	32.9	33.5	9,715,000	201,000	192,000	24.4	25.5	4,896,000
Barnes	53,000	53,000	33.0	33.0	1,750,000	15,000	15,000	28.0	28.0	420,000
Cass	43,000	43,000	40.0	40.0	1,720,000	19,000	18,000	32.3	34.1	614,000
Griggs	20,000	20,000	39.0	39.0	780,000	12,000	12,000	27.5	27.5	330,000
Steele	15,000	15,000	37.0	37.0	555,000	4,000	4,000	30.0	30.0	120,000
Traill	14,000	14,000	40.0	40.0	560,000	3,000	3,000	34.0	34.0	102,000
East Central	145,000	145,000	37.0	37.0	5,365,000	53,000	52,000	29.9	30.5	1,586,000
Adams	19,000	18,500	19.5	20.0	370,000	7,500	7,500	24.0	24.0	180,000
Billings	1,000	1,000	26.0	26.0	26,000	---	---	---	---	---
Bowman	40,000	38,500	22.2	23.1	888,000	17,000	16,000	23.5	24.9	399,000
Golden Valley	30,000	28,700	26.8	28.0	804,000	10,000	9,000	18.0	20.0	180,000
Hettinger	30,000	28,800	26.9	28.0	806,000	5,000	4,000	24.0	30.0	120,000
Slope	20,000	20,000	30.0	30.0	600,000	4,500	3,500	22.9	29.4	103,000
Stark	10,000	9,500	20.4	21.5	204,000	7,000	7,000	27.6	27.6	193,000
Southwest	150,000	145,000	24.7	25.5	3,698,000	51,000	47,000	23.0	25.0	1,175,000
Burleigh	10,000	9,800	22.1	22.6	221,000	9,000	8,000	20.4	23.0	184,000
Emmons	4,000	3,800	16.5	17.4	66,000	1,500	1,500	18.0	18.0	27,000
Grant	10,000	9,800	25.6	26.1	256,000	3,000	3,000	28.7	28.7	86,000
Morton	3,000	2,800	26.3	28.2	79,000	3,500	3,500	24.0	24.0	84,000
Sioux	3,000	2,800	20.0	21.4	60,000	1,000	1,000	18.0	18.0	18,000
South Central	30,000	29,000	22.7	23.5	682,000	18,000	17,000	22.2	23.5	399,000
Dickey	31,000	30,800	23.8	24.0	739,000	9,000	9,000	23.6	23.6	212,000
LaMoure	58,000	57,500	27.7	27.9	1,605,000	21,000	20,000	21.9	23.0	460,000
Logan	17,000	17,000	31.5	31.5	536,000	4,500	4,500	18.0	18.0	81,000
McIntosh	19,000	18,700	22.2	22.5	421,000	11,500	11,500	19.1	19.1	220,000
Ransom	7,000	7,000	24.6	24.6	172,000	2,000	2,000	30.0	30.0	60,000
Richland	17,000	17,000	21.0	21.0	357,000	1,000	1,000	33.0	33.0	33,000
Sargent	26,000	26,000	20.0	20.0	520,000	11,000	11,000	26.5	26.5	291,000
Southeast	175,000	174,000	24.9	25.0	4,350,000	60,000	59,000	22.6	23.0	1,357,000
STATE	3,500,000	3,410,000	31.7	32.5	110,825,000	2,090,000	2,050,000	26.0	26.5	54,325,000

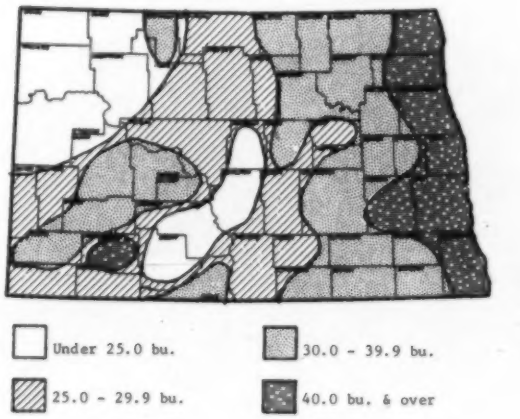
DURUM WHEAT: Acreage, Yield and Production
by Counties, North Dakota, 1984 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	65,000	65,000	24.0	24.0	1,560,000
Divide	150,000	148,000	14.8	15.0	2,220,000
Mountrail	175,000	172,000	21.6	22.0	3,784,000
Renville	80,000	80,000	30.0	30.0	2,400,000
Ward	210,000	208,000	27.2	27.5	5,720,000
Williams	120,000	117,000	14.1	14.5	1,696,000
Northwest	800,000	790,000	21.7	22.0	17,380,000
Benson	160,000	158,000	30.1	30.5	4,819,000
Bottineau	210,000	206,000	26.7	27.2	5,606,000
McHenry	40,000	40,000	27.0	27.0	1,080,000
Pierce	75,000	74,000	27.1	27.5	2,035,000
Rolette	95,000	92,000	29.1	30.0	2,760,000
North Central	580,000	570,000	28.1	28.6	16,300,000
Cavalier	130,000	128,000	36.9	37.5	4,800,000
Grand Forks	13,000	13,000	46.5	46.5	604,000
Nelson	86,000	85,000	37.1	37.5	3,188,000
Pembina	3,000	3,000	52.0	52.0	156,000
Ramsey	135,000	133,000	34.0	34.5	4,591,000
Towner	195,000	191,000	29.9	30.5	5,830,000
Walsh	38,000	37,000	46.7	48.0	1,776,000
Northeast	600,000	590,000	34.9	35.5	20,945,000
Dunn	7,000	7,000	31.0	31.0	217,000
McKenzie	47,000	45,000	21.6	22.5	1,013,000
McLean	145,000	143,000	26.2	26.5	3,796,000
Mercer	10,000	10,000	30.0	30.0	300,000
Oliver	1,000	1,000	30.0	30.0	30,000
West Central	210,000	206,000	25.5	26.0	5,356,000
Eddy	17,000	17,000	26.0	26.0	442,000
Foster	16,000	16,000	35.5	35.5	568,000
Kidder	23,000	23,000	25.0	25.0	575,000
Sheridan	10,000	10,000	24.0	24.0	240,000
Stutsman	110,000	108,000	33.4	34.0	3,672,000
Wells	74,000	73,000	30.9	31.3	2,284,000
Central	250,000	247,000	31.1	31.5	7,781,000
Barnes	28,000	28,000	40.2	40.2	1,125,000
Cass	22,000	22,000	51.0	51.0	1,122,000
Griggs	10,000	10,000	37.0	37.0	370,000
Steele	7,000	7,000	37.0	37.0	259,000
Traill	6,000	6,000	50.0	50.0	300,000
East Central	73,000	73,000	43.5	43.5	3,176,000
Adams	16,000	15,600	28.8	29.5	460,000
Billings	---	---	---	---	---
Bowman	20,000	19,600	28.4	29.0	568,000
Golden Valley	12,000	11,600	27.1	28.0	325,000
Hettinger	24,000	23,700	40.0	40.5	961,000
Slope	10,000	10,000	31.5	31.5	315,000
Stark	7,000	6,500	28.3	30.5	198,000
Southwest	89,000	87,000	31.8	32.5	2,827,000
Burleigh	5,500	5,500	24.9	24.9	137,000
Emmons	5,000	5,000	26.0	26.0	130,000
Grant	3,500	3,500	24.0	24.0	84,000
Morton	4,000	4,000	24.0	24.0	96,000
Sioux	5,000	5,000	32.4	32.4	162,000
South Central	23,000	23,000	26.5	26.5	609,000
Dickey	19,000	19,000	31.0	31.0	589,000
LaMoure	34,500	34,000	35.4	36.0	1,223,000
Logan	13,000	13,000	28.5	28.5	371,000
McIntosh	28,500	28,500	30.0	30.0	855,000
Ransom	5,000	5,000	39.0	39.0	195,000
Richland	10,000	10,000	41.0	41.0	410,000
Sargent	15,000	14,500	38.2	39.5	573,000
Southeast	125,000	124,000	33.7	34.0	4,216,000
STATE	2,750,000	2,710,000	28.6	29.0	78,590,000

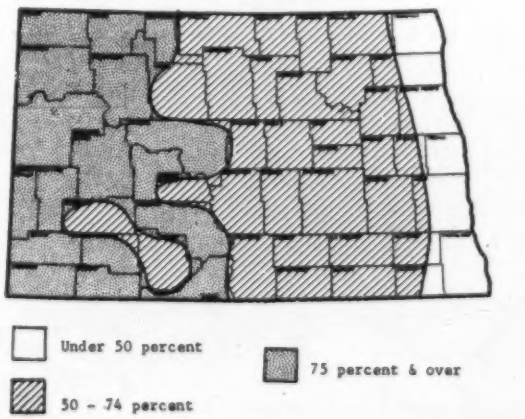
DURUM WHEAT, 1984 - Production by Counties
(Rank of First Ten Counties Shown)



DURUM WHEAT, 1984 - Yield per Harvested Acre
(Bushels)



DURUM WHEAT - 1984
Percent Planted on Summer Fallow
(Percent)



DURUM WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1980 (Final) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	88,000	85,500	21.6	22.4	1,917,000	22,000	14,300	5.7	8.7	126,000
Divide	201,200	195,200	23.5	24.3	4,734,500	28,500	24,500	10.8	12.6	308,500
Mountrail	229,000	214,000	19.8	21.1	4,525,000	21,000	16,000	8.2	10.8	173,000
Renville	63,000	60,500	21.0	21.9	1,324,000	32,000	24,500	8.8	11.5	282,000
Ward	178,400	173,000	21.7	22.3	3,864,000	111,200	86,600	8.1	10.4	903,000
Williams	146,200	138,300	15.9	16.8	2,321,500	6,300	4,200	4.0	6.0	25,000
Northwest	905,800	866,500	20.6	21.6	18,686,000	221,000	170,300	8.2	10.7	1,817,500
Benson	155,000	142,000	21.1	23.1	3,278,000	84,000	67,000	12.0	15.1	1,011,000
Bottineau	174,000	166,000	21.4	22.4	3,717,000	111,000	99,000	10.9	12.2	1,211,000
McHenry	34,200	31,800	19.7	21.1	672,200	40,500	32,900	9.0	11.1	363,800
Pierce	65,000	62,000	16.6	17.4	1,079,000	30,000	18,000	6.9	11.6	208,000
Rolette	86,300	84,000	22.4	23.0	1,930,000	48,700	36,000	11.1	15.1	543,000
North Central	514,500	485,800	20.8	22.0	10,676,200	314,200	252,900	10.6	13.2	3,336,800
Cavalier	96,000	94,000	28.5	29.1	2,738,000	114,000	96,000	17.6	20.9	2,011,000
Grand Forks	10,500	10,000	21.8	22.9	229,000	21,500	20,000	13.8	14.8	296,000
Nelson	78,500	77,000	21.2	21.6	1,664,000	86,500	78,000	10.3	11.4	893,000
Pembina	1,400	1,000	18.6	26.0	26,000	16,600	12,000	17.7	24.4	293,000
Ramsey	109,000	100,000	23.2	25.3	2,531,000	131,000	110,000	14.3	17.1	1,878,000
Towner	135,000	130,000	24.0	24.9	3,234,000	135,000	100,000	10.1	13.7	1,365,000
Walsh	51,000	44,500	19.4	22.2	989,000	64,000	47,500	11.1	15.0	713,000
Northeast	481,400	456,500	23.7	25.0	11,411,000	568,600	463,500	13.1	16.1	7,449,000
Dunn	2,000	1,500	8.3	11.0	16,500	1,000	500	2.5	5.0	2,500
McKenzie	60,600	45,900	8.4	11.1	510,000	4,600	2,300	5.0	10.0	23,000
McLean	184,900	179,500	19.0	19.6	3,511,500	53,500	39,000	6.1	8.4	327,600
Mercer	7,000	5,900	15.4	18.3	108,000	2,800	2,000	9.5	13.3	26,500
Oliver	800	800	12.0	12.0	9,600	200	200	7.0	7.0	1,400
West Central	255,300	233,600	16.3	17.8	4,155,600	62,100	44,000	6.1	8.7	381,000
Eddy	11,800	11,400	32.3	33.5	381,400	27,200	25,600	16.8	17.8	455,600
Foster	8,400	8,000	28.6	30.0	240,000	25,200	22,600	13.7	15.3	345,200
Kidder	20,700	17,000	13.3	16.2	275,100	14,000	7,700	4.3	7.8	60,000
Sheridan	20,800	19,600	17.5	18.5	363,000	6,200	2,400	3.5	9.2	22,000
Stutsman	63,000	55,000	20.3	23.2	1,277,000	86,800	70,000	9.0	11.1	780,000
Wells	51,000	43,000	23.5	27.9	1,198,000	94,000	67,000	13.1	18.4	1,235,000
Central	175,700	154,000	21.3	24.3	3,734,500	253,400	195,300	11.4	14.8	2,897,800
Barnes	5,800	5,800	18.8	18.8	109,000	51,200	48,200	12.3	13.0	629,000
Cass	4,000	3,800	22.8	24.0	91,200	62,300	59,600	21.8	22.8	1,360,600
Griggs	8,900	8,200	25.8	28.0	229,300	15,700	14,400	14.0	15.2	219,500
Steele	4,400	4,400	25.9	25.9	114,000	10,600	9,600	13.6	15.0	144,000
Traill	400	400	42.5	42.5	17,000	15,600	14,600	23.2	24.8	362,000
East Central	23,500	22,600	23.9	24.8	560,500	155,400	146,400	17.5	18.5	2,715,100
Adams	30,500	22,500	8.6	11.6	262,000	5,500	3,500	5.1	8.0	28,000
Billings	1,700	1,000	6.5	11.0	11,000	300	---	---	---	---
Bowman	35,200	30,000	8.2	9.7	290,000	8,800	2,000	0.9	4.0	8,000
Golden Valley	36,800	21,000	6.5	11.5	241,000	5,200	1,000	1.0	5.0	5,000
Hettinger	27,700	20,800	7.9	10.5	219,000	2,300	1,200	2.6	5.0	6,000
Slope	11,000	7,000	7.1	11.1	78,000	---	---	---	---	---
Stark	9,700	8,100	10.3	12.3	100,000	5,000	1,900	2.3	6.3	12,000
Southwest	152,600	110,400	7.9	10.9	1,201,000	27,400	9,600	2.2	6.1	59,000
Burleigh	8,400	7,800	10.1	10.9	85,000	14,600	5,200	2.4	6.7	35,000
Emmons	6,700	5,400	7.6	9.4	51,000	12,300	3,600	1.5	5.0	18,000
Grant	7,000	6,100	8.5	9.8	59,500	3,000	900	1.5	5.0	4,500
Morton	6,300	3,200	5.0	9.8	31,500	2,700	800	2.0	6.9	5,500
Sioux	5,400	5,300	7.8	8.0	42,200	3,600	1,700	2.2	4.6	7,800
South Central	33,800	27,800	8.0	9.7	269,200	36,200	12,200	2.0	5.8	70,800
Dickey	5,200	5,200	23.0	23.0	119,500	27,300	26,300	14.2	14.7	387,000
LaMoure	17,200	16,200	21.6	22.9	371,600	49,500	43,500	10.4	11.8	513,000
Logan	3,800	3,500	24.2	26.3	92,000	16,200	9,500	6.3	10.7	102,000
McIntosh	5,500	5,200	14.0	14.8	77,000	14,500	10,800	5.3	7.1	77,000
Ransom	2,500	2,500	35.2	35.2	88,000	13,500	13,500	17.5	17.5	236,000
Richland	2,500	2,500	36.4	36.4	91,000	20,500	19,500	27.0	28.4	554,000
Sargent	3,300	3,300	27.4	27.4	90,500	27,700	27,700	21.2	21.2	587,500
Southeast	40,000	38,400	23.2	24.2	929,600	169,200	150,800	14.5	16.3	2,456,500
STATE	2,582,600	2,395,600	20.0	21.5	51,623,600	1,807,500	1,445,000	11.7	14.7	21,183,500

1/ See page 99 for irrigated acres.

DURUM WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1981 (Final) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	89,300	88,300	23.0	23.3	2,054,000	18,700	18,700	21.8	21.8	407,000
Divide	208,200	207,200	28.1	28.2	5,847,000	5,000	5,000	22.0	22.0	110,000
Mountrail	218,900	216,900	26.8	27.0	5,866,000	34,100	33,100	25.9	26.7	884,000
Renville	74,600	74,100	30.2	30.4	2,252,000	33,400	32,900	27.7	28.1	926,000
Ward	201,700	201,600	30.1	30.1	6,073,000	100,100	99,200	27.9	28.2	2,797,000
Williams	162,300	159,300	28.2	28.8	4,583,000	9,500	9,500	25.8	25.8	245,000
Northwest	955,000	947,400	27.9	28.2	26,675,000	200,800	198,400	26.7	27.1	5,369,000
Benson	117,000	116,000	29.9	30.2	3,504,000	116,800	114,800	32.2	32.8	3,765,000
Bottineau	193,100	191,000	28.6	28.9	5,522,000	79,900	79,000	24.0	24.2	1,914,000
McHenry	42,800	42,300	32.8	33.1	1,402,000	30,100	29,600	32.2	32.8	970,000
Pierce	75,500	75,000	30.2	30.4	2,283,000	27,400	26,900	24.5	24.9	671,000
Rolette	78,300	77,300	31.2	31.6	2,445,000	58,700	57,700	30.8	31.3	1,808,000
North Central	506,700	501,600	29.9	30.2	15,156,000	312,900	308,000	29.2	29.6	9,128,000
Cavalier	92,900	92,900	31.1	31.1	2,892,000	132,100	131,100	30.7	30.9	4,052,000
Grand Forks	4,800	4,800	42.1	42.1	202,000	19,200	19,200	42.0	42.0	806,000
Nelson	66,600	66,100	34.3	34.6	2,284,000	73,200	72,700	33.3	33.5	2,434,000
Pembina	1,000	1,000	37.0	37.0	37,000	16,000	15,000	33.7	35.9	539,000
Ramsey	113,100	112,100	30.5	30.8	3,451,000	122,900	121,900	30.9	31.2	3,803,000
Towner	142,300	139,300	29.9	30.5	4,252,000	122,700	121,700	29.2	29.4	3,578,000
Walsh	50,000	49,500	29.4	29.7	1,468,000	53,000	52,500	32.0	32.3	1,694,000
Northeast	470,700	465,700	31.0	31.3	14,586,000	539,100	534,100	31.4	31.7	16,906,000
Dunn	5,000	4,800	26.8	27.9	134,000	2,000	1,500	19.5	26.0	39,000
McKenzie	51,000	50,000	21.7	22.1	1,105,000	1,300	1,300	20.4	20.4	26,500
McLean	195,000	189,300	26.3	27.1	5,130,000	76,600	74,300	23.8	24.6	1,825,000
Mercer	6,900	6,900	30.1	30.1	208,000	4,000	4,000	28.3	28.3	113,000
Oliver	4,500	4,400	27.1	27.7	122,000	1,500	1,300	21.3	24.6	32,000
West Central	262,400	255,400	25.5	26.2	6,699,000	85,400	82,400	23.8	24.7	2,035,500
Eddy	14,600	13,800	29.8	31.5	435,000	23,400	22,700	24.3	25.1	569,000
Foster	11,800	11,500	32.4	33.2	382,000	32,800	31,600	31.7	32.9	1,040,000
Kidder	21,000	20,100	27.2	28.4	571,000	17,700	17,100	22.2	23.0	393,500
Sheridan	22,200	21,800	24.8	25.3	551,000	6,800	6,700	19.6	19.9	133,000
Stutsman	37,600	36,600	35.3	36.3	1,329,000	83,200	81,200	31.5	32.2	2,617,000
Wells	53,100	52,100	32.4	33.0	1,720,000	64,900	63,900	28.0	28.5	1,818,000
Central	160,300	155,900	31.1	32.0	4,988,000	228,800	223,200	28.7	29.4	6,570,500
Barnes	5,900	5,900	31.7	31.7	187,000	64,100	63,100	31.5	32.0	2,021,000
Cass	1,900	1,900	43.2	43.2	82,000	71,100	70,100	36.1	36.6	2,569,000
Griggs	11,300	11,000	35.2	36.2	398,000	22,300	21,600	29.6	30.5	659,000
Steele	7,300	7,000	33.4	34.9	244,000	14,500	13,800	33.9	35.7	492,000
Traill	1,000	1,000	39.0	39.0	39,000	24,000	23,000	38.9	40.6	933,000
East Central	27,400	26,800	34.7	35.4	950,000	196,000	191,600	34.1	34.8	6,674,000
Adams	26,100	22,100	16.3	19.3	426,000	3,900	2,900	12.6	16.9	49,000
Billings	2,500	2,100	14.4	17.1	36,000	500	400	8.0	10.0	4,000
Bowman	42,100	39,100	15.7	16.9	661,000	5,900	3,900	8.3	12.6	49,000
Golden Valley	42,200	39,200	17.7	19.1	749,000	8,800	7,800	16.4	18.5	144,000
Hettinger	35,100	34,600	20.4	20.7	715,000	4,900	4,400	13.3	14.8	65,000
Slope	27,000	26,000	25.1	26.1	678,000	1,000	1,000	24.0	24.0	24,000
Stark	23,000	20,500	16.8	18.9	387,000	2,000	1,000	5.5	11.0	11,000
Southwest	198,000	183,600	18.4	19.9	3,652,000	27,000	21,400	12.8	16.2	346,000
Burleigh	14,000	13,500	25.0	25.9	350,000	10,000	9,500	13.3	14.0	133,000
Emmons	10,000	9,500	30.3	31.9	303,000	18,000	17,500	20.7	21.3	373,000
Grant	10,500	10,000	24.9	26.1	261,000	5,500	5,000	19.5	21.4	107,000
Morton	4,000	3,700	20.0	21.6	80,000	3,000	2,800	15.7	16.8	47,000
Sioux	10,000	9,500	15.9	16.7	159,000	5,000	4,000	11.4	14.3	57,000
South Central	48,500	46,200	23.8	25.0	1,153,000	41,500	38,800	17.3	18.5	717,000
Dickey	5,600	5,300	28.6	30.2	160,000	37,000	34,800	20.4	21.7	754,000
LaMoure	24,600	24,000	28.5	29.2	701,000	47,000	44,600	20.0	21.1	939,000
Logan	13,000	12,500	28.6	29.8	372,000	12,000	11,500	21.0	21.9	252,000
McIntosh	8,000	7,500	26.5	28.3	212,000	12,000	11,500	20.3	21.2	244,000
Ransom	1,400	1,400	34.3	34.3	48,000	9,500	9,000	20.0	21.1	190,000
Richland	2,000	2,000	36.0	36.0	72,000	27,000	26,000	34.1	35.5	922,000
Sargent	3,000	3,000	38.7	38.7	116,000	27,000	26,000	30.1	31.2	812,000
Southeast	57,600	55,700	29.2	30.2	1,681,000	171,500	163,400	24.0	25.2	4,113,000
STATE	2,686,600	2,638,300	28.1	28.6	75,540,000	1,803,000	1,761,300	28.8	29.4	51,859,000

1/ See page 100 for irrigated acres.

DURUM WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping, North Dakota, 1982 (Final) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	67,600	66,000	26.2	26.8	1,768,000	11,400	11,000	20.5	21.3	234,000
Divide	184,200	181,700	27.8	28.2	5,122,000	11,000	10,500	20.9	21.9	230,000
Mountrail	194,700	173,500	29.6	33.2	5,768,000	30,300	26,500	27.5	31.4	832,000
Renville	50,800	50,300	34.2	34.5	1,736,000	37,200	36,700	31.7	32.1	1,179,000
Ward	146,900	143,300	33.7	34.6	4,953,000	88,100	86,700	30.0	30.5	2,645,000
Williams	152,300	148,700	30.2	30.9	4,599,000	13,200	12,800	22.6	23.3	298,000
Northwest	796,500	763,500	30.1	31.4	23,946,000	191,200	184,200	28.3	29.4	5,418,000
Benson	73,800	73,000	33.7	34.1	2,490,000	123,100	121,900	32.0	32.3	3,940,500
Bottineau	89,800	89,200	35.5	35.7	3,186,000	127,200	125,800	32.4	32.8	4,120,000
McHenry	13,000	13,000	35.5	35.5	461,000	17,000	17,000	31.1	31.1	529,000
Pierce	49,900	49,900	34.7	34.7	1,733,000	38,100	38,100	30.7	30.7	1,171,000
Rolette	49,100	48,600	34.4	34.8	1,689,000	58,900	58,400	33.1	33.4	1,949,000
North Central	275,600	273,700	34.7	34.9	9,559,000	364,300	361,200	32.1	32.4	11,709,500
Cavalier	38,500	38,200	38.8	39.1	1,494,000	104,500	103,800	37.3	37.6	3,902,000
Grand Forks	1,500	1,500	38.7	38.7	58,000	13,500	13,500	39.0	39.0	527,000
Nelson	51,500	51,000	38.9	39.3	2,002,000	62,500	62,000	36.7	37.0	2,292,000
Pembina	500	500	48.0	48.0	24,000	4,500	4,500	43.1	43.1	194,000
Ramsey	78,900	77,600	32.9	33.4	2,592,000	138,100	135,400	32.1	32.8	4,437,000
Towner	81,000	79,000	35.1	36.0	2,843,000	166,000	160,000	33.2	34.5	5,512,000
Walsh	19,700	19,400	31.3	31.8	616,000	49,300	48,600	35.1	35.6	1,730,000
Northeast	271,600	267,200	35.5	36.0	9,629,000	538,400	527,800	34.5	35.2	18,594,000
Dunn	3,400	3,100	31.2	34.2	106,000	1,600	1,500	22.5	24.0	36,000
McKenzie	41,500	40,700	30.1	30.7	1,249,000	4,900	4,700	19.4	20.2	95,000
McLean	138,200	132,800	31.7	33.0	4,385,200	57,200	46,600	26.8	32.9	1,531,000
Mercer	10,000	9,700	34.0	35.1	340,000	5,000	4,800	30.6	31.9	153,000
Oliver	1,300	1,300	36.2	36.2	47,000	700	600	25.7	30.0	18,000
West Central	194,400	187,600	31.5	32.7	6,127,200	69,400	58,200	26.4	31.5	1,833,000
Eddy	11,000	10,900	37.1	37.4	408,000	19,000	18,600	34.4	35.2	654,000
Foster	5,600	5,600	39.3	39.3	220,000	26,200	25,700	32.7	33.3	857,000
Kidder	6,500	6,500	30.6	30.6	199,000	10,100	10,100	26.5	26.5	268,000
Sheridan	11,000	10,300	27.0	28.8	297,000	9,000	8,700	24.0	24.8	216,000
Stutsman	20,500	20,100	35.6	36.3	730,000	87,400	86,800	31.3	31.5	2,737,000
Wells	26,900	25,300	33.0	35.1	887,000	61,100	60,700	36.2	36.4	2,209,000
Central	81,500	78,700	33.6	34.8	2,741,000	212,800	210,600	32.6	33.0	6,941,000
Barnes	4,300	4,300	33.4	33.4	143,500	48,200	48,200	32.9	32.9	1,584,000
Cass	700	700	35.7	35.7	25,000	41,700	41,700	39.8	39.8	1,660,800
Griggs	3,800	3,800	44.7	44.7	170,000	15,700	15,700	37.3	37.3	586,000
Steele	2,500	2,500	34.8	34.8	87,000	12,500	12,500	37.4	37.4	468,000
Traill	300	300	41.7	41.7	12,500	13,600	13,600	39.9	39.9	542,000
East Central	11,600	11,600	37.8	37.8	438,000	131,700	131,700	36.8	36.8	4,840,800
Adams	15,000	14,900	20.0	20.1	300,000	4,000	3,600	17.5	19.4	70,000
Billings	700	700	26.3	26.3	18,400	300	300	25.3	25.3	7,600
Bowman	34,000	33,200	22.9	23.4	778,000	6,000	5,300	18.3	20.8	110,000
Golden Valley	21,000	20,300	29.7	30.7	623,000	9,000	8,400	20.1	21.5	181,000
Hettinger	21,000	20,000	29.8	31.3	625,000	9,000	8,800	20.1	20.6	181,000
Slope	19,000	19,000	30.4	30.4	578,000	1,000	1,000	22.0	22.0	22,000
Stark	8,500	8,100	21.3	22.3	181,000	1,500	1,400	15.3	16.4	23,000
Southwest	119,200	116,200	26.0	26.7	3,103,400	30,800	28,800	19.3	20.6	594,600
Burleigh	4,500	4,400	24.2	24.8	109,000	5,500	5,400	20.4	20.7	112,000
Emmons	1,000	1,000	17.0	17.0	17,000	3,000	2,800	16.3	17.5	49,000
Grant	6,000	5,900	27.0	27.5	162,000	4,000	3,900	23.5	24.1	94,000
Morton	1,500	1,400	28.0	30.0	42,000	1,500	1,400	24.7	26.4	37,000
Sioux	1,500	1,500	24.0	24.0	36,000	1,500	1,300	16.0	18.5	24,000
South Central	14,500	14,200	25.2	25.8	366,000	15,500	14,800	20.4	21.4	316,000
Dickey	7,500	7,500	32.7	32.7	245,000	23,500	23,300	21.0	21.2	494,000
LaMoure	16,800	16,700	31.4	31.6	527,400	40,600	40,200	25.9	26.1	1,050,000
Logan	7,000	7,000	39.9	39.9	279,000	10,000	10,000	25.7	25.7	257,000
McIntosh	5,500	5,400	26.7	27.2	147,000	13,500	13,300	20.3	20.6	274,000
Ransom	700	700	30.9	30.9	21,600	6,100	6,100	23.3	23.3	142,000
Richland	1,000	1,000	25.0	25.0	25,000	16,000	16,000	20.8	20.8	332,000
Sargent	1,100	1,100	23.6	23.6	26,000	24,700	24,700	19.6	19.6	483,600
Southeast	39,600	39,400	32.1	32.3	1,271,000	134,400	133,600	22.6	22.7	3,032,600
STATE	1,804,500	1,752,100	31.7	32.6	57,180,600	1,688,500	1,650,900	31.6	32.3	53,279,500

1/ See page 101 for irrigated acres.

DURUM WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1983 (Revised) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	44,000	44,000	26.2	26.2	1,151,000	8,000	8,000	25.1	25.1	201,000
Divide	137,000	135,000	23.6	24.0	3,236,000	16,400	16,400	24.0	24.0	394,200
Mountrail	157,000	155,000	24.3	24.6	3,813,000	12,000	11,000	21.2	23.1	254,000
Renville	44,000	44,000	31.1	31.1	1,370,000	15,000	15,000	22.7	22.7	341,000
Ward	101,000	99,000	31.4	32.1	3,174,000	57,000	56,000	30.1	30.6	1,716,000
Williams	113,000	112,000	21.6	21.8	2,446,000	13,500	13,500	21.9	21.9	295,000
Northwest	596,000	589,000	25.5	25.8	15,190,000	121,900	119,900	26.3	26.7	3,201,200
Benson	52,000	52,000	29.1	29.1	1,512,000	65,600	64,600	25.8	26.2	1,692,000
Bottineau	80,000	79,000	30.1	30.4	2,405,000	72,000	71,000	29.0	29.4	2,090,000
McHenry	16,000	15,500	24.4	25.2	391,000	6,900	6,400	22.4	24.1	154,500
Pierce	30,000	29,000	26.9	27.9	808,000	23,000	23,000	21.4	21.4	492,000
Rolette	43,000	43,000	26.2	26.2	1,127,000	31,000	31,000	23.3	23.3	723,000
North Central	221,000	218,500	28.2	28.6	6,243,000	198,500	196,000	26.0	26.3	5,151,500
Cavalier	26,000	26,000	31.2	31.2	811,000	54,000	53,000	28.4	28.9	1,531,000
Grand Forks	900	900	32.2	32.2	29,000	7,000	7,000	35.3	35.3	246,900
Nelson	32,000	32,000	30.8	30.8	985,000	36,000	35,000	26.6	27.4	958,000
Pembina	400	400	32.5	32.5	13,000	2,600	2,600	31.9	31.9	83,000
Ramsey	46,000	46,000	28.5	28.5	1,313,000	53,000	52,000	25.2	25.6	1,333,000
Towner	52,000	51,000	27.7	28.2	1,440,000	77,000	75,000	23.0	23.6	1,773,000
Walsh	6,000	6,000	33.8	33.8	203,000	17,000	17,000	28.6	28.6	487,000
Northeast	163,300	162,300	29.4	29.5	4,794,000	246,600	241,600	26.0	26.5	6,411,900
Dunn	2,000	2,000	24.5	24.5	49,000	2,500	2,500	16.4	16.4	41,000
McKenzie	31,500	30,500	22.3	23.0	703,000	8,000	8,000	21.8	21.8	174,500
McLean	79,900	76,900	24.8	25.8	1,984,000	21,500	21,500	22.3	22.3	479,300
Mercer	6,000	6,000	30.8	30.8	185,000	4,000	4,000	25.0	25.0	100,000
Oliver	---	---	---	---	---	---	---	---	---	---
West Central	119,400	115,400	24.5	25.3	2,921,000	36,000	36,000	22.1	22.1	794,800
Eddy	4,900	4,900	25.3	25.3	124,000	8,000	8,000	23.1	23.1	185,000
Foster	4,800	4,800	33.3	33.3	160,000	14,000	13,000	24.7	26.6	346,000
Kidder	11,500	11,500	28.2	28.2	324,000	12,000	12,000	19.3	19.3	232,000
Sheridan	3,500	3,500	23.1	23.1	81,000	1,000	1,000	20.0	20.0	20,000
Stutsman	19,000	18,000	27.4	28.9	520,000	57,000	51,000	18.7	20.9	1,067,000
Wells	30,000	30,000	28.6	28.6	858,000	34,500	33,500	27.5	28.3	949,000
Central	73,700	72,700	28.0	28.4	2,067,000	126,500	118,500	22.1	23.6	2,799,000
Barnes	1,000	1,000	29.0	29.0	29,000	13,900	13,900	27.9	27.9	387,500
Cass	500	500	24.0	24.0	12,000	16,700	15,700	31.2	33.2	521,000
Griggs	2,000	2,000	30.0	30.0	60,000	9,100	9,100	25.2	25.2	229,500
Steele	500	500	30.0	30.0	15,000	3,300	3,300	29.1	29.1	96,000
Traill	---	---	---	---	---	3,000	3,000	34.0	34.0	102,000
East Central	4,000	4,000	29.0	29.0	116,000	46,000	45,000	29.0	29.7	1,336,000
Adams	7,000	7,000	24.3	24.3	170,000	500	500	20.0	20.0	10,000
Billings	---	---	---	---	---	---	---	---	---	---
Bowman	15,000	14,000	23.7	25.4	355,000	2,000	2,000	22.0	22.0	44,000
Golden Valley	9,000	8,000	17.8	20.0	160,000	1,000	1,000	20.0	20.0	20,000
Hettinger	4,500	3,500	24.0	30.9	108,000	500	500	24.0	24.0	12,000
Slope	4,500	3,500	22.9	29.4	103,000	---	---	---	---	---
Stark	6,000	6,000	28.5	28.5	171,000	1,000	1,000	22.0	22.0	22,000
Southwest	46,000	42,000	23.2	25.4	1,067,000	5,000	5,000	21.6	21.6	108,000
Burleigh	4,500	4,000	22.4	25.3	101,000	4,500	4,000	18.4	20.8	83,000
Emmons	600	600	16.7	16.7	10,000	800	800	15.0	15.0	12,000
Grant	3,000	3,000	28.7	28.7	86,000	---	---	---	---	---
Morton	1,500	1,500	28.7	28.7	43,000	2,000	2,000	20.5	20.5	41,000
Sioux	600	600	18.3	18.3	11,000	400	400	17.5	17.5	7,000
South Central	10,200	9,700	24.6	25.9	251,000	7,700	7,200	18.6	19.9	143,000
Dickey	3,000	3,000	24.0	24.0	72,000	5,700	5,700	22.8	22.8	130,100
LaMoure	8,000	8,000	25.6	25.6	205,000	12,900	11,900	19.4	21.0	250,000
Logan	4,000	4,000	18.5	18.5	74,000	500	500	14.0	14.0	7,000
McIntosh	5,000	5,000	20.6	20.6	103,000	6,500	6,500	18.0	18.0	117,000
Ransom	500	500	20.0	20.0	10,000	500	500	20.0	20.0	10,000
Richland	300	300	33.3	33.3	10,000	700	700	32.9	32.9	23,000
Sargent	500	500	26.0	26.0	13,000	10,300	10,300	26.0	26.0	268,000
Southeast	21,300	21,300	22.9	22.9	487,000	37,100	36,100	21.7	22.3	805,100
STATE	1,254,900	1,234,900	26.4	26.8	33,136,000	825,300	805,300	25.1	25.8	20,750,500

1/ See page 102 for irrigated acres.

DURUM WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1984 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	60,000	60,000	24.2	24.2	1,454,000	5,000	5,000	21.2	21.2	106,000
Divide	141,000	139,400	14.7	14.9	2,077,000	8,400	8,000	12.8	13.5	107,600
Mountrail	155,000	152,500	21.4	21.8	3,324,000	20,000	19,500	23.0	23.6	460,000
Renville	61,000	61,000	31.5	31.5	1,923,000	19,000	19,000	25.1	25.1	477,000
Ward	142,000	140,500	28.3	28.6	4,022,000	67,900	67,400	24.9	25.1	1,693,500
Williams	106,000	105,000	14.3	14.5	1,521,000	13,100	11,100	10.3	12.1	134,500
Northwest	665,000	658,400	21.5	21.8	14,321,000	133,400	130,000	22.3	22.9	2,978,600
Benson	105,000	104,000	32.0	32.3	3,364,000	54,700	53,700	26.4	26.9	1,443,300
Bottineau	144,000	141,000	27.4	28.0	3,946,000	66,000	65,000	25.2	25.5	1,660,000
McHenry	29,000	29,000	28.7	28.7	833,000	10,900	10,900	22.3	22.3	243,000
Pierce	52,000	51,000	29.6	30.2	1,538,000	23,000	23,000	21.6	21.6	497,000
Rolette	63,000	61,000	29.6	30.5	1,863,000	32,000	31,000	28.0	28.9	897,000
North Central	393,000	386,000	29.4	29.9	11,544,000	186,600	183,600	25.4	25.8	4,740,300
Cavalier	84,000	83,000	38.7	39.2	3,253,000	46,000	45,000	33.6	34.4	1,547,000
Grand Forks	3,000	3,000	38.3	38.3	115,000	10,000	10,000	48.9	48.9	489,000
Nelson	54,000	53,500	38.4	38.7	2,073,000	32,000	31,500	34.8	35.4	1,115,000
Pembina	500	500	40.0	40.0	20,000	2,500	2,500	54.4	54.4	136,000
Ramsey	79,000	78,000	34.2	34.6	2,702,000	56,000	55,000	33.7	34.3	1,889,000
Towner	121,000	118,000	30.9	31.7	3,735,000	74,000	73,000	28.3	28.7	2,095,000
Walsh	16,000	16,000	40.8	40.8	653,000	22,000	21,000	51.0	53.5	1,123,000
Northeast	357,500	352,000	35.1	35.7	12,551,000	242,500	238,000	34.6	35.3	8,394,000
Dunn	6,000	6,000	31.8	31.8	191,000	1,000	1,000	26.0	26.0	26,000
McKenzie	41,000	39,700	22.8	23.6	935,000	5,900	5,200	12.2	13.8	72,000
McLean	121,000	119,300	27.0	27.4	3,269,000	23,800	23,500	21.7	22.0	517,000
Mercer	9,000	9,000	30.2	30.2	272,000	1,000	1,000	28.0	28.0	28,000
Oliver	700	700	31.4	31.4	22,000	300	300	26.7	26.7	8,000
West Central	177,700	174,700	26.4	26.8	4,689,000	32,000	31,000	20.3	21.0	651,000
Eddy	9,000	9,000	27.3	27.3	246,000	8,000	8,000	24.5	24.5	196,000
Foster	9,000	9,000	37.8	37.8	340,000	7,000	7,000	32.6	32.6	228,000
Kidder	12,000	12,000	25.2	25.2	302,000	11,000	11,000	24.8	24.8	273,000
Sheridan	6,000	6,000	25.0	25.0	150,000	4,000	4,000	22.5	22.5	90,000
Stutsman	70,000	69,000	35.9	36.4	2,510,000	40,000	39,000	29.1	29.8	1,162,000
Wells	49,000	48,500	31.5	31.8	1,543,000	25,000	24,500	29.6	30.2	741,000
Central	155,000	153,500	32.8	33.2	5,091,000	95,000	93,500	28.3	28.8	2,690,000
Barnes	10,000	10,000	44.2	44.2	442,000	18,000	18,000	37.9	37.9	683,000
Cass	5,000	5,000	50.8	50.8	254,000	16,200	16,200	50.6	50.6	820,000
Griggs	7,000	7,000	37.4	37.4	262,000	2,400	2,400	33.8	33.8	81,000
Steele	2,500	2,500	36.4	36.4	91,000	4,500	4,500	37.3	37.3	168,000
Traill	1,000	1,000	46.0	46.0	46,000	5,000	5,000	50.8	50.8	254,000
East Central	25,500	25,500	42.9	42.9	1,095,000	46,100	46,100	43.5	43.5	2,006,000
Adams	14,000	14,000	30.4	30.4	426,000	2,000	1,600	17.0	21.3	34,000
Billings	---	---	---	---	---	---	---	---	---	---
Bowman	16,000	15,600	30.6	31.3	489,000	4,000	4,000	19.8	19.8	79,000
Golden Valley	11,000	11,000	28.3	28.3	311,000	1,000	600	14.0	23.3	14,000
Hettinger	22,000	21,700	40.9	41.5	900,000	2,000	2,000	30.5	30.5	61,000
Slope	8,000	8,000	33.4	33.4	267,000	2,000	2,000	24.0	24.0	48,000
Stark	4,700	4,500	30.9	32.2	145,000	2,300	2,000	23.0	26.5	53,000
Southwest	75,700	74,800	33.5	33.9	2,538,000	13,300	12,200	21.7	23.7	289,000
Burleigh	4,000	4,000	25.3	25.3	101,000	1,500	1,500	24.0	24.0	36,000
Emmons	2,700	2,700	28.1	28.1	76,000	2,300	2,300	23.5	23.5	54,000
Grant	2,000	2,000	27.0	27.0	54,000	1,500	1,500	20.0	20.0	30,000
Morton	3,000	3,000	25.3	25.3	76,000	1,000	1,000	20.0	20.0	20,000
Sioux	4,000	4,000	34.3	34.3	137,000	1,000	1,000	25.0	25.0	25,000
South Central	15,700	15,700	28.3	28.3	444,000	7,300	7,300	22.6	22.6	165,000
Dickey	10,000	10,000	33.0	33.0	330,000	9,000	9,000	28.8	28.8	259,000
LaMoure	22,000	21,500	36.3	37.1	798,000	12,200	12,200	33.6	33.6	410,000
Logan	9,000	9,000	31.8	31.8	286,000	4,000	4,000	21.3	21.3	85,000
McIntosh	17,000	17,000	33.0	33.0	561,000	11,500	11,500	25.6	25.6	294,000
Ransom	3,000	3,000	42.3	42.3	127,000	1,800	1,800	32.2	32.2	58,000
Richland	2,000	2,000	43.0	43.0	86,000	8,000	8,000	40.5	40.5	324,000
Sargent	6,000	5,500	35.0	38.2	210,000	9,000	9,000	40.3	40.3	363,000
Southeast	69,000	68,000	34.8	35.3	2,398,000	55,500	55,500	32.3	32.3	1,793,000
STATE	1,934,100	1,908,600	28.3	28.6	54,671,000	811,700	797,200	29.2	29.7	23,706,900

1/ See page 103 for irrigated acres.

WINTER WHEAT: Acreage, Yield and Production by Counties, North Dakota, 1979 and 1980 (Final)

District and County	1979					1980				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	200	200	15.0	15.0	3,000	200	100	5.5	11.0	1,100
Divide	1,300	1,300	20.0	20.0	26,000	1,200	500	4.6	11.0	5,500
Mountrail	3,400	2,900	12.8	15.0	43,500	2,500	1,000	4.8	12.0	12,000
Renville	2,400	2,300	22.0	23.0	52,900	1,600	700	5.3	12.0	8,400
Ward	2,200	500	4.5	20.0	10,000	1,500	600	5.2	13.0	7,800
Williams	4,500	4,300	18.5	19.3	83,100	4,000	1,600	4.8	12.0	19,200
Northwest	14,000	11,500	15.6	19.0	218,500	11,000	4,500	4.9	12.0	54,000
Benson	1,800	500	8.3	30.0	15,000	1,200	800	10.7	16.0	12,800
Bottineau	4,800	2,500	13.3	25.5	63,800	3,300	2,700	11.7	14.3	38,600
McHenry	2,400	2,000	18.8	22.5	45,000	1,800	1,200	10.0	15.0	18,000
Pierce	2,400	1,400	11.4	19.5	27,300	1,600	1,200	12.0	16.0	19,200
Rolette	100	100	17.0	17.0	1,700	100	100	14.0	14.0	1,400
North Central	11,500	6,500	13.3	23.5	152,800	8,000	6,000	11.3	15.0	90,000
Cavalier	---	---	---	---	---	---	---	---	---	---
Grand Forks	1,000	800	26.8	33.5	26,800	1,000	800	24.0	30.0	24,000
Nelson	100	100	30.0	30.0	3,000	100	100	25.0	25.0	2,500
Pembina	3,900	3,300	30.0	35.5	117,000	3,900	2,800	22.8	31.8	89,100
Ramsey	100	---	---	---	---	100	100	19.0	19.0	1,900
Towner	---	---	---	---	---	---	---	---	---	---
Walsh	900	800	25.8	29.0	23,200	900	700	19.4	25.0	17,500
Northeast	6,000	5,000	28.3	34.0	170,000	6,000	4,500	22.5	30.0	135,000
Dunn	3,000	1,500	7.5	15.0	22,500	1,500	600	4.4	11.0	6,600
McKenzie	19,500	18,000	18.2	19.8	355,500	14,000	5,000	3.7	10.2	51,200
McLean	6,500	3,500	11.8	22.0	77,000	4,500	1,900	5.5	13.0	24,700
Mercer	---	---	---	---	---	---	---	---	---	---
Oliver	---	---	---	---	---	---	---	---	---	---
West Central	29,000	23,000	15.7	19.8	455,000	20,000	7,500	4.1	11.0	82,500
Eddy	---	---	---	---	---	---	---	---	---	---
Foster	---	---	---	---	---	---	---	---	---	---
Kidder	---	---	---	---	---	---	---	---	---	---
Sheridan	---	---	---	---	---	---	---	---	---	---
Stutsman	---	---	---	---	---	---	---	---	---	---
Wells	1,000	500	10.0	20.0	10,000	500	450	12.6	14.0	6,300
Central	1,000	500	10.0	20.0	10,000	500	450	12.6	14.0	6,300
Barnes	1,500	1,000	17.7	26.5	26,500	1,500	1,000	16.7	25.0	25,000
Cass	2,500	2,200	32.6	37.0	81,500	2,500	2,000	22.0	27.5	54,900
Griggs	---	---	---	---	---	---	---	---	---	---
Steele	100	---	---	---	---	100	100	26.0	26.0	2,600
Traill	900	800	35.6	40.0	32,000	900	400	13.3	30.0	12,000
East Central	5,000	4,000	28.0	35.0	140,000	5,000	3,500	18.9	27.0	94,500
Adams	15,000	11,000	15.0	20.5	225,300	12,000	5,200	4.8	11.0	57,200
Billings	4,300	2,500	13.7	23.5	58,700	4,000	1,500	3.8	10.0	15,000
Bowman	23,000	14,000	13.1	21.5	300,700	19,000	13,000	10.2	14.9	193,850
Golden Valley	15,000	13,000	19.9	23.0	298,800	13,000	7,000	6.5	12.0	84,000
Hettinger	9,000	6,000	14.0	21.0	125,900	9,000	3,000	4.0	12.0	36,000
Slope	8,700	6,500	15.7	21.0	136,400	8,000	2,800	5.3	15.0	42,000
Stark	14,000	9,000	12.5	19.5	175,400	14,000	9,000	9.0	14.0	126,000
Southwest	89,000	62,000	14.8	21.3	1,321,200	79,000	41,500	7.0	13.4	554,050
Burleigh	900	800	15.1	17.0	13,600	500	150	3.6	12.0	1,800
Emmons	4,500	1,000	4.4	20.0	20,000	1,500	500	4.4	13.1	6,550
Grant	2,000	1,700	20.2	23.8	40,400	800	200	3.0	12.0	2,400
Morton	1,100	600	13.6	25.0	15,000	400	100	4.0	16.0	1,600
Sioux	1,000	900	13.5	15.0	13,500	300	100	4.3	13.0	1,300
South Central	9,500	5,000	10.8	20.5	102,500	3,500	1,050	3.9	13.0	13,650
Dickey	---	---	---	---	---	---	---	---	---	---
LaMoure	100	100	25.0	25.0	2,500	100	100	18.0	18.0	1,800
Logan	100	---	---	---	---	100	---	---	---	---
McIntosh	700	500	16.4	23.0	11,500	200	100	9.0	18.0	1,800
Ransom	2,500	1,400	16.6	29.6	41,500	1,000	600	12.0	20.0	12,000
Richland	1,500	500	9.7	29.0	14,500	500	200	8.8	22.0	4,400
Sargent	100	---	---	---	---	100	---	---	---	---
Southeast	5,000	2,500	14.0	28.0	70,000	2,000	1,000	10.0	20.0	20,000
STATE	170,000	120,000	15.5	22.0	2,640,000	135,000	70,000	7.8	15.0	1,050,000
North Dakota Totals by Special Cropping Practices										
Summer Fallow	126,900	89,700	15.8	22.3	1,999,500	109,000	60,150	8.2	14.9	895,400
Cont. Cropping	43,100	30,300	14.9	21.1	640,500	26,000	9,850	5.9	15.7	154,600
Irrigated	- - - - - N O N E - - - - -					- - - - - N O N E - - - - -				

WINTER WHEAT: Acreage, Yield and Production by Counties,
North Dakota, 1981 and 1982 (Final)

District and County	1981					1982				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	400	400	19.0	19.0	7,600	1,000	900	31.5	35.0	31,500
Divide	800	700	16.6	19.0	13,300	2,000	1,800	22.5	25.0	45,000
Mountrail	2,500	2,100	17.6	21.0	44,100	2,000	1,800	27.0	30.0	54,000
Renville	1,700	1,500	18.1	20.5	30,800	1,500	1,000	23.3	35.0	35,000
Ward	1,300	1,000	17.7	23.0	23,000	500	500	35.0	35.0	17,500
Williams	4,300	3,800	17.7	20.0	76,000	4,000	3,000	24.0	32.0	96,000
Northwest	11,000	9,500	17.7	20.5	194,800	11,000	9,000	25.4	31.0	279,000
Benson	700	500	17.1	24.0	12,000	3,000	3,000	31.0	31.0	93,000
Bottineau	900	700	16.3	21.0	14,700	3,000	3,000	38.0	38.0	114,000
McHenry	900	700	18.7	24.0	16,800	1,500	1,000	24.0	36.0	36,000
Pierce	1,300	1,100	21.8	25.7	28,300	2,500	2,000	20.8	26.0	52,000
Rolette	700	500	15.0	21.0	10,500	1,000	1,000	25.0	25.0	25,000
North Central	4,500	3,500	18.3	23.5	82,300	11,000	10,000	29.1	32.0	320,000
Cavalier	800	800	37.0	37.0	29,600	7,000	6,800	37.4	38.5	261,800
Grand Forks	7,700	7,600	37.5	37.9	288,400	11,000	9,700	28.2	32.0	310,700
Nelson	800	800	25.0	25.0	20,000	3,000	3,000	40.0	40.0	120,000
Pembina	7,300	6,800	34.5	37.0	251,600	6,000	5,000	25.0	30.0	150,000
Ramsey	1,300	1,200	26.8	29.0	34,800	2,000	2,000	37.0	37.0	74,000
Towner	900	600	22.0	33.0	19,800	2,000	2,000	43.0	43.0	86,000
Walsh	1,700	1,700	34.0	34.0	57,800	6,000	5,500	28.4	31.0	170,500
Northeast	20,500	19,500	34.2	36.0	702,000	37,000	34,000	31.7	34.5	1,173,000
Dunn	900	400	8.9	20.0	8,000	500	400	25.2	31.5	12,600
McKenzie	15,500	13,500	17.4	20.0	270,000	11,000	9,600	29.7	34.0	326,400
McLean	2,600	2,100	16.2	20.0	42,000	4,500	4,000	32.0	36.0	144,000
Mercer	---	---	---	---	---	---	---	---	---	---
Oliver	---	---	---	---	---	---	---	---	---	---
West Central	19,000	16,000	16.8	20.0	320,000	16,000	14,000	30.2	34.5	483,000
Eddy	500	400	17.6	22.0	8,800	2,000	1,900	28.5	30.0	57,000
Foster	500	400	17.6	22.0	8,800	500	500	28.0	28.0	14,000
Kidder	900	800	17.8	20.0	16,000	500	400	23.2	29.0	11,600
Sheridan	400	400	20.0	20.0	8,000	500	400	28.4	35.5	14,200
Stutsman	1,300	1,100	17.1	20.2	22,200	1,500	1,400	37.3	40.0	56,000
Wells	400	400	20.0	20.0	8,000	1,000	900	36.9	41.0	36,900
Central	4,000	3,500	18.0	20.5	71,800	6,000	5,500	31.6	34.5	189,700
Barnes	1,700	1,600	28.2	30.0	48,000	2,000	1,700	29.8	35.0	59,500
Cass	2,600	2,400	31.4	34.0	81,600	9,000	8,900	41.5	42.0	373,800
Griggs	3,500	3,300	29.2	31.0	102,300	2,000	1,900	31.4	33.0	62,700
Steele	4,800	4,500	36.3	38.7	174,100	7,000	6,600	41.0	43.5	287,100
Traill	3,900	3,700	37.0	39.0	144,300	8,000	7,900	40.5	41.0	323,900
East Central	16,500	15,500	33.4	35.5	550,300	28,000	27,000	39.5	41.0	1,107,000
Adams	2,200	1,200	11.5	21.0	25,200	2,500	1,000	9.6	24.0	24,000
Billings	900	600	12.0	18.0	10,800	500	200	10.4	26.0	5,200
Bowman	13,800	11,000	16.7	21.0	231,000	13,000	5,000	9.2	24.0	120,200
Golden Valley	9,000	8,200	26.4	29.0	237,800	9,000	5,000	16.1	29.0	145,200
Hettinger	3,400	3,200	25.6	27.3	87,200	4,000	1,800	11.7	26.0	46,800
Slope	5,200	4,800	24.0	26.0	124,800	5,000	3,000	16.2	27.0	81,000
Stark	6,000	5,500	24.8	27.0	148,500	7,000	3,000	11.6	27.0	81,100
Southwest	40,500	34,500	21.4	25.1	865,300	41,000	19,000	12.3	26.5	503,500
Burleigh	400	300	19.5	26.0	7,800	1,000	500	12.5	25.0	12,500
Emmons	1,300	1,200	24.1	26.1	31,300	1,500	1,200	16.0	20.0	24,000
Grant	700	600	20.6	24.0	14,400	3,000	1,400	14.5	31.0	43,400
Morton	300	200	16.0	24.0	4,800	1,000	600	15.0	25.0	15,000
Sioux	300	200	14.0	21.0	4,200	500	300	13.8	23.0	6,900
South Central	3,000	2,500	20.8	25.0	62,500	7,000	4,000	14.5	25.5	101,800
Dickey	400	300	14.8	19.7	5,900	4,000	3,900	35.1	36.0	140,400
LaMoure	900	900	20.0	20.0	18,000	2,500	2,500	40.0	40.0	100,000
Logan	400	400	20.0	20.0	8,000	2,000	1,900	28.5	30.0	57,000
McIntosh	400	400	20.0	20.0	8,000	1,000	1,000	32.0	32.0	32,000
Ransom	900	800	20.4	23.0	18,400	1,500	1,400	30.8	33.0	46,200
Richland	400	400	25.0	25.0	10,000	1,000	1,000	30.0	30.0	30,000
Sargent	2,600	2,300	20.3	22.9	52,700	6,000	5,800	32.9	34.0	197,400
Southeast	6,000	5,500	20.2	22.0	121,000	18,000	17,500	33.5	34.5	603,000
STATE	125,000	110,000	23.8	27.0	2,970,000	175,000	140,000	27.2	34.0	4,760,000
North Dakota Totals by Special Cropping Practices										
Summer Fallow	83,600	73,500	22.6	25.7	1,892,100	79,000	55,900	23.7	33.4	1,869,300
Cont. Cropping	41,400	36,500	26.0	29.5	1,077,900	96,000	84,100	30.1	34.4	2,890,700
Irrigated	- - - - - N O N E - - - - -					- - - - - N O N E - - - - -				

WINTER WHEAT: Acreage, Yield and Production by Counties,
North Dakota, 1983 (Revised) and 1984 (Preliminary)

District and County	1983					1984				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	2,000	1,800	29.3	32.5	58,500	10,000	5,500	14.3	26.0	143,000
Divide	1,500	1,500	24.5	24.5	36,800	3,000	2,800	26.1	28.0	78,400
Mountrail	1,000	1,000	33.0	33.0	33,000	4,000	3,200	22.4	28.0	89,600
Renville	1,000	1,000	26.0	26.0	26,000	3,500	3,000	31.7	37.0	111,000
Ward	2,000	1,800	21.6	24.0	43,200	10,500	9,600	31.1	34.0	326,400
Williams	1,500	1,400	29.9	32.0	44,800	4,000	3,000	12.8	17.0	51,000
Northwest	9,000	8,500	26.9	28.5	242,300	35,000	27,100	22.8	29.5	799,400
Benson	2,000	1,500	19.2	25.5	38,300	2,000	1,700	34.9	41.0	69,700
Bottineau	13,000	10,200	21.2	27.0	275,500	21,000	17,700	28.3	33.6	595,000
McHenry	1,500	1,200	22.0	27.5	33,000	5,000	4,900	29.4	30.0	147,000
Pierce	1,500	1,300	23.9	27.5	35,800	4,500	4,200	27.1	29.0	121,800
Rolette	1,000	800	22.4	28.0	22,400	2,500	2,500	42.0	42.0	105,000
North Central	19,000	15,000	21.3	27.0	405,000	35,000	31,000	29.7	33.5	1,038,500
Cavalier	4,500	3,300	18.7	25.5	84,200	4,000	3,900	47.3	48.5	189,200
Grand Forks	6,000	5,400	29.7	33.0	178,000	18,000	14,500	34.3	42.6	617,000
Nelson	2,000	1,800	32.0	35.5	63,900	4,000	3,400	33.2	39.0	132,600
Pembina	1,000	700	18.9	27.0	18,900	2,000	1,600	39.6	49.5	79,200
Ramsey	5,000	4,100	19.5	23.8	97,600	4,000	3,200	30.4	38.0	121,600
Towner	6,000	5,300	26.5	30.0	159,000	7,000	6,600	36.8	39.0	257,400
Walsh	1,500	1,400	24.3	26.0	36,400	3,000	2,600	35.5	41.0	106,600
Northeast	26,000	22,000	24.5	29.0	638,000	42,000	35,800	35.8	42.0	1,503,600
Dunn	500	400	24.8	31.0	12,400	4,000	3,800	31.7	33.4	126,800
McKenzie	2,500	1,700	19.7	29.0	49,300	8,000	6,700	18.0	21.5	144,100
McLean	7,000	4,900	19.7	28.1	137,800	6,500	5,800	28.1	31.5	182,700
Mercer	---	---	---	---	---	1,000	---	---	---	---
Oliver	---	---	---	---	---	1,500	1,400	28.0	30.0	42,000
West Central	10,000	7,000	20.0	28.5	199,500	21,000	17,700	23.6	28.0	495,600
Eddy	2,000	1,900	32.3	34.0	64,600	4,000	3,900	35.6	36.5	142,400
Foster	1,000	1,000	38.0	38.0	38,000	5,000	4,900	43.1	44.0	215,600
Kidder	1,000	1,000	25.0	25.0	25,000	2,000	2,000	32.5	32.5	64,900
Sheridan	500	500	31.0	31.0	15,500	4,500	4,100	33.3	36.5	149,700
Stutsman	8,000	7,200	31.6	35.1	252,900	27,500	24,900	37.3	41.2	1,024,700
Wells	5,500	4,900	28.5	32.0	156,800	12,000	10,700	35.2	39.5	422,700
Central	18,000	16,500	30.7	33.5	552,800	55,000	50,500	36.7	40.0	2,020,000
Barnes	9,000	8,100	30.2	33.5	271,400	48,500	44,600	40.5	44.0	1,962,400
Cass	7,000	6,500	33.4	36.0	233,800	58,500	56,000	49.1	51.3	2,871,200
Griggs	3,000	2,900	33.4	34.5	100,100	10,000	7,800	35.5	45.5	354,900
Steele	10,000	9,000	32.0	35.5	319,500	23,000	21,400	42.8	46.0	984,400
Traill	7,000	6,500	35.8	38.5	250,300	25,000	24,100	42.4	44.0	1,060,400
East Central	36,000	33,000	32.6	35.6	1,175,100	165,000	153,900	43.8	47.0	7,233,300
Adams	2,000	1,700	27.2	32.0	54,400	18,500	13,600	33.1	45.0	612,000
Billings	2,000	1,400	21.0	30.0	42,000	10,000	8,300	20.3	24.5	203,400
Bowman	11,500	9,200	21.9	27.4	252,300	18,000	17,300	28.4	29.5	510,400
Golden Valley	7,500	6,500	24.3	28.0	182,000	18,000	16,000	26.2	29.5	472,000
Hettinger	5,000	4,700	29.1	31.0	145,700	11,000	10,100	40.8	44.5	449,000
Slope	5,000	3,700	18.5	25.0	92,500	14,000	13,200	35.4	37.5	495,000
Stark	2,000	1,800	28.8	32.0	57,600	10,500	9,600	28.3	31.0	297,600
Southwest	35,000	29,000	23.6	28.5	826,500	100,000	88,100	30.4	34.5	3,039,400
Burleigh	500	400	20.0	25.0	10,000	5,000	4,200	22.9	27.2	114,300
Emmons	500	500	26.0	26.0	13,000	7,000	6,800	29.1	30.0	204,000
Grant	1,000	900	23.0	25.6	23,000	3,000	3,000	32.0	32.0	96,000
Morton	1,500	1,200	20.5	25.7	30,800	6,000	4,700	22.7	29.0	136,300
Sioux	500	500	25.0	25.0	12,500	16,000	8,300	17.9	34.5	286,400
South Central	4,000	3,500	22.3	25.5	89,300	37,000	27,000	22.6	31.0	837,000
Dickey	5,000	4,600	29.0	31.5	144,900	30,000	24,400	33.3	41.0	1,000,400
LaMoure	4,000	3,600	27.5	30.5	109,800	18,500	17,200	40.0	43.0	739,600
Logan	500	500	28.0	28.0	14,000	1,000	1,000	35.5	35.5	35,500
McIntosh	500	500	28.0	28.0	14,000	1,500	1,500	28.5	28.5	42,800
Ransom	2,500	2,000	30.2	37.7	75,400	19,000	18,000	44.1	46.5	837,000
Richland	2,000	1,900	39.0	41.0	77,900	15,000	14,500	42.5	44.0	638,000
Sargent	8,500	7,400	28.3	32.5	240,500	45,000	42,300	38.7	41.1	1,739,900
Southeast	23,000	20,500	29.4	33.0	676,500	130,000	118,900	38.7	42.3	5,033,200
STATE	180,000	155,000	26.7	31.0	4,805,000	620,000	550,000	35.5	40.0	22,000,000
North Dakota Totals by Special Cropping Practices										
Summer Fallow	97,700	84,200	27.3	31.6	2,663,400	451,000	400,200	36.1	40.6	16,264,200
Cont. Cropping	82,300	70,800	26.0	30.2	2,141,600	169,000	149,800	33.9	38.3	5,735,800
Irrigated	- - - - - N O N E - - - - -					- - - - - N O N E - - - - -				

BARLEY: Acreage, Yield and Production by Counties,
North Dakota, 1980 and 1981 (Final)

District and County	1980					1981				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	12,500	6,500	12.3	23.7	154,000	12,000	11,400	31.3	33.0	376,000
Divide	5,700	4,000	13.2	18.8	75,000	12,000	11,800	34.4	35.0	413,000
Mountrail	7,200	5,600	23.5	30.2	169,000	10,000	8,900	33.4	37.5	334,000
Renville	37,000	29,000	14.1	18.0	523,000	37,000	36,600	38.6	39.0	1,427,000
Ward	31,000	22,000	17.0	24.0	527,000	38,000	37,200	46.4	47.4	1,764,000
Williams	6,600	3,900	12.4	21.0	82,000	11,000	10,100	34.9	38.0	384,000
Northwest	100,000	71,000	15.3	21.5	1,530,000	120,000	116,000	39.2	40.5	4,698,000
Benson	38,500	29,000	18.1	24.0	697,000	42,000	40,400	39.0	40.5	1,636,000
Bottineau	93,000	76,000	19.0	23.3	1,768,000	86,000	85,400	42.2	42.5	3,630,000
McHenry	28,500	19,000	14.6	21.9	416,000	29,000	28,800	46.7	47.0	1,354,000
Pierce	26,000	17,500	16.3	24.2	424,000	33,000	32,600	42.5	43.0	1,402,000
Rolette	44,000	33,500	20.2	26.6	890,000	45,000	43,800	37.3	38.4	1,680,000
North Central	230,000	175,000	18.2	24.0	4,195,000	235,000	231,000	41.3	42.0	9,702,000
Cavalier	155,000	140,000	39.9	44.2	6,190,000	191,000	186,000	38.0	39.0	7,254,000
Grand Forks	140,000	110,000	23.6	30.0	3,300,000	167,000	162,200	53.3	54.8	8,895,000
Nelson	29,000	26,000	21.3	23.7	617,000	53,000	52,000	50.0	51.0	2,652,000
Pembina	55,000	45,500	31.6	38.2	1,738,000	67,000	65,100	54.9	56.5	3,678,000
Ramsey	56,000	41,500	24.4	32.9	1,364,000	62,000	61,000	41.3	42.0	2,562,000
Towner	73,000	61,000	24.8	29.7	1,813,000	75,000	72,800	33.0	34.0	2,475,000
Walsh	82,000	56,000	22.2	32.5	1,818,000	100,000	97,900	49.0	50.0	4,895,000
Northeast	590,000	480,000	28.5	35.1	16,840,000	715,000	697,000	45.3	46.5	32,411,000
Dunn	7,900	1,900	5.1	21.1	40,000	11,000	10,800	32.4	33.0	356,000
McKenzie	7,000	3,100	11.0	24.8	77,000	11,000	10,800	31.9	32.5	351,000
McLean	7,100	5,800	16.8	20.5	119,000	11,000	10,900	44.1	44.5	485,000
Mercer	4,000	1,300	6.5	20.0	26,000	3,400	3,400	32.9	32.9	112,000
Oliver	7,000	4,900	20.9	29.8	146,000	6,600	6,600	47.1	47.1	311,000
West Central	33,000	17,000	12.4	24.0	408,000	43,000	42,500	37.6	38.0	1,615,000
Eddy	5,000	4,500	32.2	35.8	161,000	8,000	7,900	46.4	47.0	371,000
Foster	6,500	3,600	19.1	34.4	124,000	10,000	9,900	51.0	51.5	510,000
Kidder	11,500	5,900	8.5	16.6	98,000	13,000	12,900	38.7	39.0	503,000
Sheridan	12,500	9,500	15.9	20.9	199,000	12,000	11,900	43.7	44.0	524,000
Stutsman	23,000	17,000	16.3	22.1	376,000	36,000	35,600	46.5	47.0	1,673,000
Wells	34,500	25,500	21.5	29.1	742,000	36,000	35,800	46.2	46.5	1,663,000
Central	93,000	66,000	18.3	25.8	1,700,000	115,000	114,000	45.6	46.0	5,244,000
Barnes	110,000	105,000	28.1	29.4	3,091,000	132,000	131,100	49.7	50.0	6,555,000
Cass	175,000	170,000	41.2	42.4	7,213,000	208,000	207,000	57.7	58.0	12,006,000
Griggs	37,000	30,000	17.7	21.8	655,000	47,000	46,500	51.7	52.3	2,432,000
Steele	83,000	80,000	27.4	28.4	2,274,000	95,000	94,100	52.5	53.0	4,987,000
Traill	125,000	120,000	37.0	38.6	4,627,000	143,000	142,300	63.7	64.0	9,107,000
East Central	530,000	505,000	33.7	35.4	17,860,000	625,000	621,000	56.1	56.5	35,087,000
Adams	9,500	2,300	2.3	9.6	22,000	4,000	3,500	17.5	20.0	70,000
Billings	3,000	1,000	5.7	17.0	17,000	1,500	1,100	14.7	20.0	22,000
Bowman	13,000	4,900	5.8	15.3	75,000	9,500	6,600	14.6	21.1	139,000
Golden Valley	9,500	3,500	8.2	22.3	78,000	9,000	7,200	28.0	35.0	252,000
Hettinger	7,000	3,300	8.0	17.0	56,000	10,000	9,800	33.3	34.0	333,000
Slope	12,500	2,900	3.6	15.5	45,000	8,000	7,700	34.6	36.0	277,000
Stark	8,500	4,100	7.3	15.1	62,000	8,000	6,100	20.6	27.0	165,000
Southwest	63,000	22,000	5.6	16.1	355,000	50,000	42,000	25.2	30.0	1,258,000
Burleigh	9,000	4,500	5.8	11.6	52,000	9,000	8,200	29.1	32.0	262,000
Emmons	9,100	2,600	2.6	9.2	24,000	6,000	5,500	32.5	35.5	195,000
Grant	15,000	4,900	5.0	15.3	75,000	11,000	9,500	23.4	27.1	257,000
Morton	19,000	6,000	7.9	25.2	151,000	19,000	16,000	33.3	39.5	632,000
Sioux	3,900	1,000	2.1	8.0	8,000	2,000	1,300	15.5	23.8	31,000
South Central	56,000	19,000	5.5	16.3	310,000	47,000	40,500	29.3	34.0	1,377,000
Dickey	26,000	25,500	23.3	23.8	606,000	33,000	32,500	42.8	43.5	1,414,000
LaMoure	21,000	19,000	25.8	28.5	541,000	29,000	28,500	41.3	42.0	1,197,000
Logan	4,700	4,000	15.5	18.3	73,000	9,000	8,600	34.4	36.0	310,000
McIntosh	9,300	5,500	7.5	12.7	70,000	7,000	6,400	32.0	35.0	224,000
Ransom	26,000	24,000	29.0	31.4	754,000	32,000	31,100	45.7	47.0	1,462,000
Richland	42,000	41,500	42.9	43.4	1,800,000	60,000	59,400	55.4	56.0	3,326,000
Sargent	26,000	25,500	36.8	37.6	958,000	30,000	29,500	49.2	50.0	1,475,000
Southeast	155,000	145,000	31.0	33.1	4,802,000	200,000	196,000	47.0	48.0	9,408,000
STATE	1,850,000	1,500,000	25.9	32.0	48,000,000	2,150,000	2,100,000	46.9	48.0	100,800,000

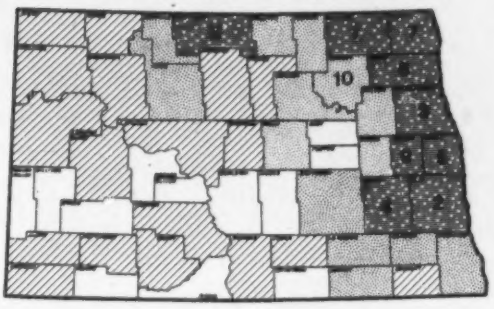
BARLEY: Acreage, Yield and Production by Counties,
North Dakota, 1982 (Final) and 1983 (Revised)

District and County	1982					1983				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	20,000	19,700	38.4	39.0	768,000	32,000	31,000	36.8	38.0	1,178,000
Divide	18,000	17,900	41.3	41.5	743,000	44,000	43,500	31.6	32.0	1,392,000
Mountrail	16,000	15,100	42.5	45.0	680,000	41,000	40,000	36.1	37.0	1,480,000
Renville	37,000	36,800	43.3	43.5	1,601,000	63,000	62,000	46.3	47.0	2,914,000
Ward	46,000	45,500	49.5	50.0	2,275,000	73,000	72,000	45.2	45.8	3,301,000
Williams	18,000	17,000	38.7	41.0	697,000	47,000	46,500	32.7	33.0	1,535,000
Northwest	155,000	152,000	43.6	44.5	6,764,000	300,000	295,000	39.3	40.0	11,800,000
Benson	41,000	39,300	44.1	46.0	1,808,000	61,000	60,000	38.9	39.5	2,370,000
Bottineau	78,000	77,000	45.3	45.9	3,536,000	130,000	128,500	43.3	43.8	5,629,000
McHenry	27,000	26,500	49.1	50.0	1,325,000	38,000	37,500	46.4	47.0	1,763,000
Pierce	31,000	30,600	52.3	53.0	1,622,000	38,000	37,000	37.5	38.5	1,425,000
Rolette	33,000	32,600	48.4	49.0	1,597,000	48,000	47,000	38.2	39.0	1,833,000
North Central	210,000	206,000	47.1	48.0	9,888,000	315,000	310,000	41.3	42.0	13,020,000
Cavalier	168,000	165,000	55.1	56.1	9,254,000	188,000	187,000	45.3	45.5	8,509,000
Grand Forks	152,000	150,000	59.2	60.0	9,000,000	155,000	150,000	52.9	54.7	8,200,000
Nelson	43,000	42,000	50.3	51.5	2,163,000	71,000	70,000	44.9	45.5	3,185,000
Pembina	75,000	73,000	60.3	62.0	4,526,000	89,000	81,000	53.7	59.0	4,779,000
Ramsey	62,000	59,000	43.8	46.0	2,714,000	95,000	94,000	40.6	41.0	3,854,000
Towner	73,000	69,000	45.4	48.0	3,312,000	94,000	92,000	39.1	40.0	3,680,000
Walsh	87,000	83,000	53.0	55.5	4,607,000	98,000	96,000	49.5	50.5	4,848,000
Northeast	660,000	641,000	53.9	55.5	35,576,000	790,000	770,000	46.9	48.1	37,055,000
Dunn	10,000	9,800	45.1	46.0	451,000	16,000	15,000	36.1	38.5	578,000
McKenzie	12,000	10,700	38.8	43.5	465,000	23,000	22,000	34.4	36.0	792,000
McLean	12,000	11,700	48.3	49.5	579,000	27,000	26,500	42.8	43.6	1,156,000
Mercer	4,000	3,900	50.8	52.1	203,000	9,000	7,000	28.8	37.0	259,000
Oliver	7,000	6,900	49.3	50.0	345,000	10,000	9,500	37.5	39.5	375,000
West Central	45,000	43,000	45.4	47.5	2,043,000	85,000	80,000	37.2	39.5	3,160,000
Eddy	7,000	6,400	43.7	47.8	306,000	15,000	15,000	43.0	43.0	645,000
Foster	9,000	8,700	49.3	51.0	444,000	11,000	10,000	35.9	39.5	395,000
Kidder	10,000	9,700	40.5	41.8	405,000	12,000	12,000	36.5	36.5	438,000
Sheridan	11,000	8,500	30.9	40.0	340,000	19,000	18,500	42.8	44.0	814,000
Stutsman	33,000	32,400	50.3	51.2	1,659,000	52,000	49,000	38.9	41.3	2,025,000
Wells	35,000	34,300	47.0	48.0	1,646,000	51,000	50,500	46.0	46.5	2,348,000
Central	105,000	100,000	45.7	48.0	4,800,000	160,000	155,000	41.7	43.0	6,665,000
Barnes	111,000	110,000	55.0	55.5	6,105,000	124,000	119,000	44.1	46.0	5,474,000
Cass	183,000	181,000	61.0	61.7	11,165,000	154,000	150,000	54.9	56.4	8,459,000
Griggs	38,000	37,000	55.5	57.0	2,109,000	53,000	49,000	43.9	47.5	2,328,000
Steele	78,000	76,000	56.0	57.5	4,370,000	84,000	82,000	50.8	52.0	4,264,000
Traill	120,000	118,000	66.9	68.0	8,024,000	115,000	110,000	52.1	54.5	5,995,000
East Central	530,000	522,000	59.9	60.9	31,773,000	530,000	510,000	50.0	52.0	26,520,000
Adams	6,000	5,800	34.7	35.9	208,000	15,000	15,000	47.5	47.5	713,000
Billings	1,500	1,400	32.0	34.3	48,000	4,000	3,500	28.5	32.6	114,000
Bowman	11,500	10,700	39.2	42.1	451,000	25,000	23,000	35.0	38.0	874,000
Golden Valley	10,000	9,700	49.8	51.3	498,000	16,000	15,000	27.7	29.5	443,000
Hettinger	11,000	10,800	38.8	39.5	427,000	35,000	34,000	39.0	40.1	1,364,000
Slope	10,000	9,300	43.7	47.0	437,000	22,000	17,500	33.0	41.5	726,000
Stark	10,000	9,300	32.5	34.9	325,000	23,000	22,000	36.3	38.0	836,000
Southwest	60,000	57,000	39.9	42.0	2,394,000	140,000	130,000	36.2	39.0	5,070,000
Burleigh	10,000	9,300	44.6	48.0	446,000	18,000	17,500	32.6	33.5	586,000
Emmons	8,000	7,800	34.8	35.6	278,000	12,000	12,000	39.5	39.5	474,000
Grant	13,000	12,700	42.0	43.0	546,000	24,000	23,500	38.7	39.5	928,000
Morton	21,000	20,200	42.3	44.0	869,000	32,000	28,000	34.6	39.6	1,108,000
Sioux	3,000	2,500	33.0	39.6	99,000	4,000	4,000	33.5	33.5	134,000
South Central	55,000	52,500	41.1	43.0	2,258,000	90,000	85,000	35.9	38.0	3,230,000
Dickey	32,000	31,500	35.7	36.3	1,143,000	31,000	29,500	43.3	45.5	1,342,000
LaMoure	25,000	24,700	45.0	45.5	1,124,000	31,000	31,000	38.0	38.0	1,178,000
Logan	10,000	9,600	40.3	42.0	403,000	19,000	18,500	34.6	35.5	657,000
McIntosh	7,000	6,800	33.0	34.0	231,000	13,000	13,000	37.5	37.5	488,000
Ransom	27,000	26,800	49.7	50.1	1,342,000	30,000	30,000	46.0	46.0	1,380,000
Richland	54,000	52,400	46.7	48.2	2,524,000	42,000	39,500	49.4	52.5	2,073,000
Sargent	25,000	24,700	43.5	44.0	1,087,000	24,000	23,500	42.6	43.5	1,022,000
Southeast	180,000	176,500	43.6	44.5	7,854,000	190,000	185,000	42.8	44.0	8,140,000
STATE	2,000,000	1,950,000	51.7	53.0	103,350,000	2,600,000	2,520,000	44.1	45.5	114,660,000

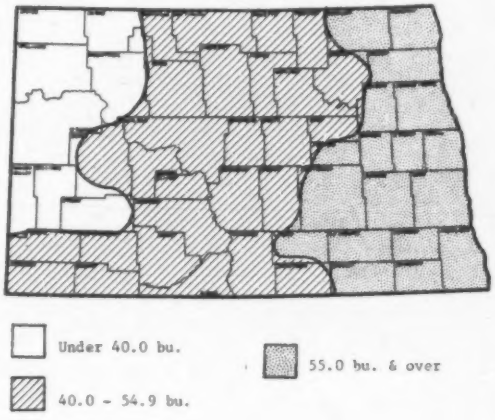
BARLEY: Acreage, Yield and Production by Counties, North Dakota, 1984 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	46,000	45,000	31.3	32.0	1,440,000
Divide	61,000	57,000	23.4	25.0	1,425,000
Mountrail	59,000	58,000	31.5	32.0	1,856,000
Renville	79,000	79,000	46.5	46.5	3,674,000
Ward	86,000	86,000	44.8	44.8	3,855,000
Williams	79,000	75,000	24.7	26.0	1,950,000
Northwest	410,000	400,000	34.6	35.5	14,200,000
Benson	63,000	63,000	45.0	45.0	2,835,000
Bottineau	145,000	143,000	39.6	40.1	5,740,000
McHenry	45,000	44,000	41.6	42.5	1,870,000
Pierce	46,000	46,000	40.0	40.0	1,840,000
Rolette	51,000	49,000	43.2	45.0	2,205,000
North Central	350,000	345,000	41.4	42.0	14,490,000
Cavalier	200,000	199,000	58.6	58.9	11,724,000
Grand Forks	145,000	142,000	64.6	66.0	9,372,000
Nelson	67,000	67,000	60.0	60.0	4,020,000
Pembina	90,000	89,000	72.2	73.0	6,497,000
Ramsey	93,000	91,000	53.3	54.5	4,960,000
Towner	105,000	103,000	44.6	45.5	4,687,000
Walsh	100,000	99,000	69.3	70.0	6,930,000
Northeast	800,000	790,000	60.2	61.0	48,190,000
Dunn	25,000	24,500	40.7	41.5	1,017,000
McKenzie	35,000	30,500	28.8	33.0	1,007,000
McLean	47,000	47,000	41.1	41.1	1,931,000
Mercer	12,000	12,000	40.0	40.0	480,000
Oliver	11,000	11,000	40.0	40.0	440,000
West Central	130,000	125,000	37.5	39.0	4,875,000
Eddy	17,000	17,000	43.5	43.5	740,000
Foster	16,000	16,000	55.0	55.0	880,000
Kidder	14,000	13,500	39.5	41.0	553,000
Sheridan	22,000	21,500	45.9	47.0	1,010,000
Stutsman	79,000	77,000	54.7	56.1	4,322,000
Wells	52,000	52,000	47.0	47.0	2,444,000
Central	200,000	197,000	49.7	50.5	9,949,000
Barnes	140,000	138,000	61.1	62.0	8,556,000
Cass	160,000	159,000	72.2	72.6	11,546,000
Griggs	55,000	55,000	61.0	61.0	3,355,000
Steele	85,000	84,000	64.2	65.0	5,460,000
Traill	110,000	109,000	68.9	69.5	7,576,000
East Central	550,000	545,000	66.4	67.0	36,493,000
Adams	18,000	17,500	48.6	50.0	875,000
Billings	5,000	4,500	24.8	27.6	124,000
Bowman	29,000	28,000	40.1	41.5	1,162,000
Golden Valley	18,000	16,500	31.2	34.0	561,000
Hettinger	38,000	37,500	46.1	46.7	1,753,000
Slope	25,000	25,000	45.0	45.0	1,125,000
Stark	27,000	26,000	36.6	38.0	988,000
Southwest	160,000	155,000	41.2	42.5	6,588,000
Burleigh	17,000	17,000	43.0	43.0	731,000
Emmons	21,000	20,500	50.8	52.0	1,066,000
Grant	31,000	28,500	38.2	41.5	1,183,000
Morton	42,000	41,000	42.9	44.0	1,803,000
Sioux	4,000	4,000	53.0	53.0	212,000
South Central	115,000	111,000	43.4	45.0	4,995,000
Dickey	40,000	39,500	61.2	62.0	2,449,000
LaMoure	39,000	39,000	61.5	61.5	2,399,000
Logan	25,000	24,000	53.3	55.5	1,332,000
McIntosh	17,000	16,500	48.1	49.5	817,000
Ransom	37,000	36,500	58.7	59.5	2,172,000
Richland	48,000	47,500	63.6	64.3	3,054,000
Sargent	29,000	29,000	58.5	58.5	1,697,000
Southeast	235,000	232,000	59.2	60.0	13,920,000
STATE	2,950,000	2,900,000	52.1	53.0	153,700,000

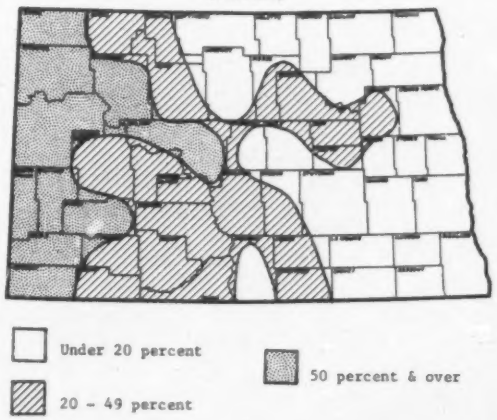
BARLEY, 1984 - Production by Counties, (Rank of First Ten Counties Shown)



BARLEY, 1984 - Yield per Harvested Acre (Bushels)



BARLEY - 1984
Percent Planted on Summer Fallow
(Percent)



BARLEY: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1980 (Final) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	4,100	2,300	17.8	31.7	73,000	8,400	4,200	9.6	19.3	81,000
Divide	3,800	2,400	13.4	21.3	51,000	1,900	1,600	12.6	15.0	24,000
Mountrail	5,800	4,900	27.1	32.0	157,000	1,400	700	8.6	17.1	12,000
Renville	7,200	6,300	25.8	29.5	186,000	29,800	22,700	11.3	14.8	337,000
Ward	7,400	5,800	29.5	37.6	218,000	23,600	16,200	13.1	19.1	309,000
Williams	3,700	2,100	11.4	20.0	42,000	2,500	1,500	10.0	16.7	25,000
Northwest	32,000	23,800	22.7	30.5	727,000	67,600	46,900	11.7	16.8	788,000
Benson	3,800	3,200	31.3	37.2	119,000	34,600	25,700	16.5	22.2	571,500
Bottineau	20,500	16,500	18.7	23.3	384,000	72,500	59,500	19.1	23.3	1,384,000
McHenry	3,900	3,500	26.2	29.1	102,000	24,600	15,500	12.8	20.3	314,000
Pierce	4,500	3,700	24.0	29.2	108,000	21,500	13,800	14.7	22.9	316,000
Rolette	4,400	4,000	25.2	27.8	111,000	39,600	29,500	19.7	26.4	779,000
North Central	37,100	30,900	22.2	26.7	824,000	192,800	144,000	17.5	23.4	3,364,500
Cavalier	11,000	10,700	46.6	47.9	513,000	144,000	129,300	39.4	43.9	5,677,000
Grand Forks	5,900	4,400	19.2	25.7	113,000	134,100	105,600	23.8	30.2	3,187,000
Nelson	5,500	4,700	33.8	39.6	186,000	23,500	21,300	18.3	20.2	431,000
Pembina	2,000	1,400	26.5	37.9	53,000	53,000	44,100	31.8	38.2	1,685,000
Ramsey	7,200	5,300	27.1	36.8	195,000	48,800	36,200	24.0	32.3	1,169,000
Towner	14,000	12,500	31.0	34.7	434,000	59,000	48,500	23.4	28.4	1,379,000
Walsh	18,000	12,000	23.6	35.3	424,000	64,000	44,000	21.8	31.7	1,394,000
Northeast	63,600	51,000	30.2	37.6	1,918,000	526,400	429,000	28.3	34.8	14,922,000
Dunn	3,000	1,400	10.3	22.1	31,000	4,900	500	1.8	18.0	9,000
McKenzie	4,900	2,100	9.4	21.9	46,000	1,900	800	7.9	18.8	15,000
McLean	1,700	1,600	18.2	19.4	31,000	5,000	3,800	10.4	13.7	52,000
Mercer	2,000	1,000	8.8	17.6	17,600	1,900	200	1.3	12.0	2,400
Oliver	3,400	2,800	30.6	37.1	104,000	3,500	2,000	9.7	17.0	34,000
West Central	15,000	8,900	15.3	25.8	229,600	17,200	7,300	6.5	15.4	112,400
Eddy	1,300	1,200	40.0	43.3	52,000	3,700	3,300	29.5	33.0	109,000
Foster	1,600	1,600	45.0	45.0	72,000	4,900	2,000	10.6	26.0	52,000
Kidder	2,300	2,300	16.1	16.1	37,000	9,000	3,400	5.7	15.0	51,000
Sheridan	4,200	3,100	16.9	22.9	71,000	8,300	6,400	15.4	20.0	128,000
Stutsman	1,300	900	20.8	30.0	27,000	21,700	16,100	16.1	21.7	349,000
Wells	6,300	4,700	21.7	29.1	137,000	28,200	20,800	21.5	29.1	605,000
Central	17,000	13,800	23.3	28.7	396,000	75,800	52,000	17.1	24.9	1,294,000
Barnes	5,500	4,200	26.7	35.0	147,000	104,500	100,800	28.2	29.2	2,944,000
Cass	5,800	5,700	50.2	51.1	291,000	169,200	164,300	40.9	42.1	6,922,000
Griggs	6,300	5,100	15.1	18.6	95,000	30,600	24,800	18.0	22.2	550,000
Steele	2,200	2,200	35.9	35.9	79,000	80,800	77,800	27.2	28.2	2,195,000
Traill	5,100	4,900	38.4	40.0	196,000	119,800	115,000	36.9	38.4	4,421,000
East Central	24,900	22,100	32.4	36.6	808,000	504,900	482,700	33.7	35.3	17,032,000
Adams	3,800	1,200	3.2	10.0	12,000	5,700	1,100	1.8	9.1	10,000
Billings	2,700	900	5.9	17.8	16,000	300	100	3.3	10.0	1,000
Bowman	10,100	4,000	6.5	16.5	66,000	2,900	900	3.1	10.0	9,000
Golden Valley	7,400	3,200	9.9	22.8	73,000	2,100	300	2.4	16.7	5,000
Hettinger	5,600	2,600	8.2	17.7	46,000	1,400	700	7.1	14.3	10,000
Slope	10,400	2,500	4.1	17.2	43,000	2,100	400	1.0	5.0	2,000
Stark	4,900	2,500	10.2	20.0	50,000	3,600	1,600	3.3	7.5	12,000
Southwest	44,900	16,900	6.8	18.1	306,000	18,100	5,100	2.7	9.6	49,000
Burleigh	1,800	900	6.7	13.3	12,000	7,000	3,400	3.7	7.6	26,000
Emmons	1,700	800	4.1	8.8	7,000	7,000	1,500	1.0	4.7	7,000
Grant	5,000	3,000	9.4	15.7	47,000	10,000	1,900	2.8	14.7	28,000
Morton	7,100	3,100	13.2	30.3	94,000	11,800	2,800	4.2	17.9	50,000
Sioux	1,500	600	2.7	6.7	4,000	2,300	300	0.9	6.7	2,000
South Central	17,100	8,400	9.6	19.5	164,000	38,100	9,900	3.0	11.4	113,000
Dickey	2,400	2,400	35.4	35.4	85,000	23,100	22,600	20.6	21.1	476,000
LaMoure	1,900	1,700	26.3	29.4	50,000	19,100	17,300	25.7	28.4	491,000
Logan	900	900	38.9	38.9	35,000	3,800	3,100	10.0	12.3	38,000
McIntosh	1,900	1,400	12.1	16.4	23,000	7,400	4,100	6.4	11.5	47,000
Ransom	1,200	800	21.7	32.5	26,000	24,600	23,000	29.1	31.1	716,000
Richland	2,400	2,400	34.6	34.6	83,000	39,600	39,100	43.4	43.9	1,717,000
Sargent	7,500	7,400	40.5	41.1	304,000	18,500	18,100	35.4	36.1	654,000
Southeast	18,200	17,000	33.3	35.6	606,000	136,100	127,300	30.4	32.5	4,139,000
STATE	269,800	192,800	22.2	31.0	5,978,600	1,577,000	1,304,200	26.5	32.1	41,813,900

1/ See page 99 for irrigated acres.

BARLEY: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1981 (Final) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	2,800	2,500	26.1	29.2	73,000	9,200	8,900	32.9	34.0	303,000
Divide	3,600	3,500	45.8	47.1	165,000	8,400	8,300	29.5	29.9	248,000
Mountrail	5,500	4,800	36.4	41.7	200,000	4,500	4,100	29.8	32.7	134,000
Renville	8,300	8,200	47.3	47.9	393,000	28,700	28,400	36.0	36.4	1,034,000
Ward	10,900	10,700	48.2	49.1	525,000	27,000	26,400	45.7	46.8	1,234,500
Williams	6,000	5,300	40.7	46.0	244,000	4,900	4,700	27.8	28.9	136,000
Northwest	37,100	35,000	43.1	45.7	1,600,000	82,700	80,800	37.4	38.2	3,089,500
Benson	2,300	2,300	50.0	50.0	115,000	39,600	38,000	38.3	39.9	1,516,000
Bottineau	9,600	9,400	29.1	29.7	279,000	76,400	76,000	43.9	44.1	3,351,000
McHenry	3,900	3,900	47.7	47.7	186,000	25,100	24,900	46.5	46.9	1,168,000
Pierce	7,800	7,700	42.3	42.9	330,000	25,200	24,900	42.5	43.1	1,072,000
Rolette	5,600	5,500	29.1	29.6	163,000	39,300	38,200	38.4	39.6	1,511,000
North Central	29,200	28,800	36.7	37.3	1,073,000	205,600	202,000	41.9	42.7	8,618,000
Cavalier	9,600	9,500	37.2	37.6	357,000	181,400	176,500	38.0	39.1	6,897,000
Grand Forks	7,600	7,600	60.0	60.0	456,000	159,400	154,600	52.9	54.6	8,439,000
Nelson	5,800	5,700	56.2	57.2	326,000	47,200	46,300	49.3	50.2	2,326,000
Pembina	5,700	5,300	54.0	58.1	308,000	61,300	59,800	55.0	56.4	3,370,000
Ramsey	4,800	4,600	35.8	37.4	172,000	57,200	56,400	41.8	42.4	2,390,000
Towner	6,600	6,100	31.2	33.8	206,000	68,400	66,700	33.2	34.0	2,269,000
Walsh	11,400	11,100	53.9	55.3	614,000	88,600	86,800	48.3	49.3	4,281,000
Northeast	51,500	49,900	47.4	48.9	2,439,000	663,500	647,100	45.2	46.3	29,972,000
Dunn	3,100	3,100	23.9	23.9	74,000	7,900	7,700	35.7	36.6	282,000
McKenzie	9,300	9,100	30.5	31.2	284,000	1,300	1,300	28.2	28.2	36,600
McLean	4,100	4,000	45.4	46.5	186,000	6,500	6,500	41.4	41.4	269,000
Mercer	1,500	1,500	35.3	35.3	53,000	1,900	1,900	31.1	31.1	59,000
Oliver	3,000	3,000	49.3	49.3	148,000	3,500	3,500	44.7	44.7	156,500
West Central	21,000	20,700	35.5	36.0	745,000	21,100	20,900	38.1	38.4	803,100
Eddy	2,700	2,700	51.5	51.5	139,000	5,000	4,900	41.9	42.8	209,500
Foster	900	900	65.6	65.6	59,000	9,100	9,000	49.6	50.1	451,000
Kidder	2,500	2,500	38.8	38.8	97,000	10,400	10,300	38.4	38.7	399,000
Sheridan	3,800	3,700	46.6	47.8	177,000	8,200	8,200	42.3	42.3	347,000
Stutsman	3,800	3,800	58.4	58.4	222,000	32,200	31,800	45.1	45.6	1,451,000
Wells	4,100	4,000	45.1	46.3	185,000	31,500	31,400	46.0	46.1	1,448,500
Central	17,800	17,600	49.4	49.9	879,000	96,400	95,600	44.7	45.0	4,306,000
Barnes	3,700	3,700	34.9	34.9	129,000	128,200	127,300	50.1	50.4	6,418,000
Cass	900	900	61.1	61.1	55,000	207,100	206,100	57.7	58.0	11,951,000
Griggs	3,800	3,600	47.4	50.0	180,000	43,200	42,900	52.1	52.5	2,252,000
Steele	1,900	1,900	46.3	46.3	88,000	93,100	92,200	52.6	53.1	4,899,000
Traill	6,700	6,700	59.6	59.6	399,000	136,300	135,600	63.9	64.2	8,708,000
East Central	17,000	16,800	50.1	50.7	851,000	607,900	604,100	56.3	56.7	34,228,000
Adams	2,200	1,900	20.9	24.2	46,000	1,800	1,600	13.3	15.0	24,000
Billings	900	700	18.9	24.3	17,000	600	400	8.3	12.5	5,000
Bowman	8,100	5,700	15.6	22.1	126,000	1,400	900	9.3	14.4	13,000
Golden Valley	6,500	5,900	34.5	38.0	224,000	2,500	1,300	11.2	21.5	28,000
Hettinger	5,500	5,400	32.0	32.6	176,000	4,500	4,400	34.9	35.7	157,000
Slope	5,000	4,900	38.4	39.2	192,000	3,000	2,800	28.3	30.4	85,000
Stark	2,900	2,300	28.3	35.7	82,000	5,100	3,800	16.3	21.8	83,000
Southwest	31,100	26,800	27.7	32.2	863,000	18,900	15,200	20.9	26.0	395,000
Burleigh	1,600	1,500	29.1	31.0	46,500	7,300	6,600	28.5	31.5	208,000
Emmons	800	800	30.0	30.0	24,000	5,000	4,500	31.8	35.3	159,000
Grant	2,900	2,600	25.2	28.1	73,000	8,000	6,800	22.4	26.3	179,000
Morton	7,600	6,500	32.5	38.0	247,000	11,200	9,300	33.3	40.1	373,000
Sioux	300	300	26.7	26.7	8,000	1,700	1,000	13.5	23.0	23,000
South Central	13,200	11,700	30.2	34.1	398,500	33,200	28,200	28.4	33.4	942,000
Dickey	1,000	900	40.0	44.4	40,000	31,100	30,700	41.6	42.1	1,293,900
LaMoure	1,000	1,000	42.0	42.0	42,000	28,000	27,500	41.3	42.0	1,155,000
Logan	1,800	1,800	40.0	40.0	72,000	7,200	6,800	33.1	35.0	238,000
McIntosh	800	700	31.3	35.7	25,000	6,200	5,700	32.1	34.9	199,000
Ransom	700	700	45.7	45.7	32,000	31,100	30,200	45.4	46.8	1,412,400
Richland	500	500	56.0	56.0	28,000	59,500	58,900	55.4	56.0	3,298,000
Sargent	800	800	53.8	53.8	43,000	29,000	28,500	48.8	49.6	1,415,000
Southeast	6,600	6,400	42.7	44.1	282,000	192,100	188,300	46.9	47.9	9,011,300
STATE	224,500	213,700	40.7	42.7	9,130,500	1,921,400	1,882,200	47.6	48.5	91,364,900

1/ See page 100 for irrigated acres.

BARLEY: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1982 (Final) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	5,500	5,500	48.0	48.0	264,000	14,500	14,200	34.8	35.5	504,000
Divide	9,900	9,800	44.9	45.4	445,000	8,100	8,100	36.8	36.8	298,000
Mountrail	8,000	7,200	44.5	49.4	356,000	8,000	7,900	40.5	41.0	324,000
Renville	5,800	5,800	45.0	45.0	261,000	31,200	31,000	42.9	43.2	1,340,000
Ward	14,300	14,100	48.0	48.7	686,500	31,600	31,300	50.1	50.6	1,583,000
Williams	12,800	12,000	41.4	44.1	529,700	5,100	4,900	31.4	32.7	160,000
Northwest	56,300	54,400	45.2	46.7	2,542,200	98,500	97,400	42.7	43.2	4,209,000
Benson	1,800	1,600	44.4	50.0	80,000	39,100	37,600	44.0	45.8	1,721,000
Bottineau	10,900	10,900	58.0	58.0	632,000	67,100	66,100	43.3	43.9	2,904,000
McHenry	4,200	4,100	55.7	57.1	234,000	22,800	22,400	47.9	48.7	1,091,000
Pierce	5,300	5,200	63.2	64.4	335,000	25,700	25,400	50.1	50.7	1,287,000
Rolette	8,700	8,700	50.9	50.9	443,000	24,300	23,900	47.5	48.3	1,154,000
North Central	30,900	30,500	55.8	56.5	1,724,000	179,000	175,400	45.6	46.5	8,157,000
Cavalier	10,600	10,300	55.1	56.7	584,000	157,400	154,700	55.1	56.0	8,670,000
Grand Forks	5,700	5,700	57.0	57.0	325,000	146,300	144,300	59.3	60.1	8,675,000
Nelson	2,400	2,300	46.7	48.7	112,000	40,600	39,700	50.5	51.7	2,051,000
Pembina	8,600	8,500	65.2	66.0	561,000	66,400	64,500	59.7	61.5	3,965,000
Ramsey	16,300	15,800	42.0	43.3	684,000	45,700	43,200	44.4	47.0	2,030,000
Towner	4,100	3,900	42.7	44.9	175,000	68,900	65,100	45.5	48.2	3,137,000
Walsh	5,300	5,000	45.1	47.8	239,000	81,700	78,000	53.5	56.0	4,368,000
Northeast	53,000	51,500	50.6	52.0	2,680,000	607,000	589,500	54.2	55.8	32,896,000
Dunn	3,000	3,000	56.3	56.3	169,000	7,000	6,800	40.3	41.5	282,000
McKenzie	7,500	6,800	40.8	45.0	306,000	4,100	3,500	31.6	37.0	129,400
McLean	5,400	5,300	50.7	51.7	274,000	6,400	6,200	45.0	46.5	288,000
Mercer	1,200	1,200	54.2	54.2	65,000	2,800	2,700	49.3	51.1	138,000
Oliver	1,700	1,700	50.0	50.0	85,000	5,200	5,100	48.7	49.6	253,000
West Central	18,800	18,000	47.8	49.9	899,000	25,500	24,300	42.8	44.9	1,090,400
Eddy	900	800	42.2	47.5	38,000	5,700	5,200	41.6	45.6	237,200
Foster	1,100	1,100	56.4	56.4	62,000	7,900	7,600	48.4	50.3	382,000
Kidder	1,200	1,100	44.2	48.2	53,000	8,400	8,200	38.7	39.7	325,200
Sheridan	4,200	3,200	31.4	41.3	132,000	6,800	5,300	30.6	39.2	208,000
Stutsman	900	900	55.6	55.6	50,000	32,100	31,500	50.1	51.1	1,609,000
Wells	5,400	5,300	47.6	48.5	257,000	29,600	29,000	46.9	47.9	1,389,000
Central	13,700	12,400	43.2	47.7	592,000	90,500	86,800	45.9	47.8	4,150,400
Barnes	1,900	1,900	56.8	56.8	108,000	109,100	108,100	55.0	55.5	5,997,000
Cass	1,900	1,900	66.8	66.8	127,000	181,100	179,100	60.9	61.6	11,038,000
Griggs	4,500	4,400	49.3	50.5	222,000	33,200	32,300	56.1	57.7	1,863,000
Steele	2,900	2,900	62.4	62.4	181,000	75,100	73,100	55.8	57.3	4,189,000
Traill	1,000	1,000	57.0	57.0	57,000	119,000	117,000	66.9	68.1	7,967,000
East Central	12,200	12,100	57.0	57.4	695,000	517,500	509,600	60.0	60.9	31,054,000
Adams	1,500	1,500	38.7	38.7	58,000	4,500	4,300	33.3	34.9	150,000
Billings	900	900	41.1	41.1	37,000	600	500	18.3	22.0	11,000
Bowman	9,100	8,500	40.5	43.4	369,000	2,400	2,200	34.2	37.3	82,000
Golden Valley	7,500	7,400	49.9	50.5	374,000	2,400	2,200	48.5	53.0	116,500
Hettinger	4,200	4,200	43.1	43.1	181,000	6,800	6,600	36.2	37.3	246,000
Slope	6,800	6,600	49.4	50.9	336,000	3,200	2,700	31.6	37.4	101,000
Stark	6,700	6,100	35.5	39.0	238,000	3,300	3,200	26.4	27.2	87,000
Southwest	36,700	35,200	43.4	45.3	1,593,000	23,200	21,700	34.2	36.6	793,500
Burleigh	1,200	1,100	43.3	47.3	52,000	8,600	8,000	44.3	47.6	381,000
Emmons	1,000	1,000	34.0	34.0	34,000	7,000	6,800	34.9	35.9	244,000
Grant	6,000	5,900	40.3	41.0	242,000	6,900	6,700	43.5	44.8	300,000
Morton	4,500	4,300	46.0	48.1	207,000	16,400	15,800	41.3	42.9	678,000
Sioux	500	500	40.0	40.0	20,000	2,500	2,000	31.6	39.5	79,000
South Central	13,200	12,800	42.0	43.4	555,000	41,400	39,300	40.6	42.8	1,682,000
Dickey	400	400	45.0	45.0	18,000	31,100	30,600	34.9	35.5	1,085,000
LaMoure	500	500	46.0	46.0	23,000	24,500	24,200	44.9	45.5	1,101,000
Logan	2,000	1,900	44.0	46.3	88,000	8,000	7,700	39.4	40.9	315,000
McIntosh	1,300	1,300	35.4	35.4	46,000	5,700	5,500	32.5	33.6	185,000
Ransom	300	300	46.7	46.7	14,000	26,500	26,300	49.5	49.9	1,312,000
Richland	2,000	2,000	58.5	58.5	117,000	52,000	50,400	46.3	47.8	2,407,000
Sargent	400	400	43.0	43.0	17,200	24,400	24,100	43.1	43.6	1,051,000
Southeast	6,900	6,800	46.8	47.5	323,200	172,200	168,800	43.3	44.2	7,456,000
STATE	241,700	233,700	48.0	49.7	11,603,400	1,754,800	1,712,800	52.1	53.4	91,488,300

1/ See page 101 for irrigated acres.

BARLEY: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1983 (Revised) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	14,400	13,900	41.9	43.4	602,900	17,600	17,100	32.7	33.6	575,100
Divide	23,200	23,200	36.5	36.5	846,100	20,600	20,100	25.9	26.5	532,700
Mountrail	20,700	20,700	38.4	38.4	794,100	20,300	19,300	33.8	35.5	685,900
Renville	8,900	8,900	51.9	51.9	462,100	54,100	53,100	45.3	46.2	2,451,900
Ward	19,300	18,800	46.3	47.6	894,400	53,700	53,200	44.8	45.2	2,406,600
Williams	31,200	30,700	32.6	33.2	1,017,900	15,600	15,600	32.3	32.3	503,500
Northwest	117,700	116,200	39.2	39.7	4,617,500	181,900	178,400	39.3	40.1	7,155,700
Benson	8,100	7,900	42.0	43.1	340,200	52,700	51,900	38.3	38.9	2,019,800
Bottineau	20,700	20,700	44.4	44.4	918,800	109,300	107,800	43.1	43.7	4,710,200
McHenry	12,700	12,700	51.1	51.1	648,600	25,300	24,800	44.0	44.9	1,114,400
Pierce	7,400	7,400	41.7	41.7	308,900	30,600	29,600	36.5	37.7	1,116,100
Rolette	6,500	6,000	35.4	38.4	230,400	41,500	41,000	38.6	39.1	1,602,600
North Central	55,400	54,700	44.2	44.7	2,446,900	259,400	255,100	40.7	41.4	10,563,100
Cavalier	14,300	14,000	41.0	41.8	585,800	173,700	173,000	45.6	45.8	7,923,200
Grand Forks	12,600	11,200	46.5	52.3	585,700	142,400	138,800	53.5	54.9	7,614,300
Nelson	3,800	3,600	39.0	41.2	148,200	67,100	66,300	45.2	45.7	3,030,300
Pembina	12,600	9,300	39.5	53.5	497,600	76,400	71,700	56.0	59.7	4,281,400
Ramsey	9,700	9,400	45.2	46.6	438,000	85,300	84,600	40.0	40.4	3,416,000
Towner	13,700	13,700	43.9	43.9	601,000	80,300	78,300	38.3	39.3	3,079,000
Walsh	7,100	6,600	44.1	47.5	313,200	90,900	89,400	49.9	50.7	4,534,800
Northeast	73,800	67,800	42.9	46.7	3,169,500	716,100	702,100	47.3	48.3	33,879,000
Dunn	5,100	4,800	39.8	42.3	203,100	10,900	10,200	34.4	36.8	374,900
McKenzie	13,300	12,800	36.4	37.8	483,600	9,100	8,600	28.5	30.1	259,200
McLean	9,500	9,000	44.0	46.5	418,400	17,200	17,200	41.4	41.4	712,100
Mercer	4,100	2,900	26.9	38.0	110,100	4,900	4,100	30.4	36.3	148,900
Oliver	3,400	3,200	42.2	44.8	143,400	6,500	6,200	34.6	36.2	224,600
West Central	35,400	32,700	38.4	41.5	1,358,600	48,600	46,300	35.4	37.1	1,719,700
Eddy	1,200	1,200	44.0	44.0	52,800	13,700	13,700	42.9	42.9	587,200
Foster	2,100	2,100	40.4	40.4	84,800	8,900	7,900	34.9	39.3	310,200
Kidder	1,900	1,900	42.3	42.3	80,400	9,900	9,900	34.8	34.8	344,600
Sheridan	3,800	3,300	42.2	48.5	160,200	15,200	15,200	43.0	43.0	653,800
Stutsman	2,400	2,000	32.6	39.1	78,200	49,400	46,800	39.2	41.4	1,936,000
Wells	7,800	7,800	49.9	49.9	389,400	43,200	42,700	45.3	45.9	1,958,600
Central	19,200	18,300	44.1	46.2	845,800	140,300	136,200	41.3	42.5	5,790,400
Barnes	9,700	6,800	29.7	42.3	287,700	114,300	112,200	45.4	46.2	5,186,300
Cass	4,200	3,600	51.0	59.5	214,100	149,400	146,000	55.0	56.3	8,216,900
Griggs	7,300	5,100	33.5	47.9	244,400	45,400	43,600	45.4	47.3	2,063,200
Steele	2,100	1,800	42.4	49.4	89,000	81,900	80,200	51.0	52.1	4,175,000
Traill	3,300	2,800	43.3	51.0	142,800	111,700	107,200	52.4	54.6	5,852,200
East Central	26,600	20,100	36.8	48.7	978,000	502,700	489,200	50.7	52.1	25,493,600
Adams	6,300	6,300	51.7	51.7	325,900	8,700	8,700	44.5	44.5	387,100
Billings	2,900	2,500	29.8	34.6	86,500	1,100	1,000	25.0	27.5	27,500
Bowman	18,000	16,600	35.6	38.6	640,400	7,000	6,400	33.4	36.5	233,600
Golden Valley	10,200	9,700	28.5	30.0	290,700	5,600	5,100	25.1	27.5	140,300
Hettinger	16,100	15,100	44.4	47.3	714,700	18,900	18,900	34.4	34.4	649,300
Slope	13,300	10,300	35.9	46.3	477,300	8,700	7,200	28.6	34.5	248,700
Stark	14,600	14,100	39.8	41.2	581,300	8,400	7,900	30.3	32.2	254,700
Southwest	81,400	74,600	38.3	41.8	3,116,800	58,400	55,200	33.2	35.2	1,941,200
Burleigh	3,000	3,000	40.6	40.6	121,700	14,500	14,000	30.0	31.0	434,300
Emmons	1,700	1,700	50.8	50.8	86,400	10,200	10,200	37.4	37.4	381,100
Grant	7,100	6,600	35.2	37.9	250,200	16,800	16,800	39.9	39.9	670,300
Morton	13,200	11,500	36.0	41.3	475,000	18,800	16,500	33.7	38.4	633,000
Sioux	1,200	1,200	40.1	40.1	48,100	2,800	2,800	30.7	30.7	85,900
South Central	26,200	24,000	37.5	40.9	981,400	63,100	60,300	34.9	36.6	2,204,600
Dickey	2,700	1,400	21.5	41.5	58,100	27,600	27,400	44.2	44.6	1,220,900
LaMoure	1,100	1,100	46.6	46.6	51,300	29,800	29,800	37.6	37.6	1,120,200
Logan	3,600	3,600	50.3	50.3	180,900	15,400	14,900	30.9	32.0	476,100
McIntosh	2,000	2,000	45.2	45.2	90,300	11,000	11,000	36.2	36.2	397,700
Ransom	400	400	48.3	48.3	19,300	29,300	29,300	45.6	45.6	1,335,200
Richland	3,400	1,800	29.9	56.4	101,600	38,600	37,700	51.1	52.3	1,971,400
Sargent	1,200	1,200	51.6	51.6	61,900	22,800	22,300	42.1	43.1	960,100
Southeast	14,400	11,500	39.1	49.0	563,400	174,500	172,400	42.9	43.4	7,481,600
STATE	450,100	419,900	40.2	43.1	18,077,900	2,145,000	2,095,200	44.9	45.9	96,228,900

1/ See page 102 for irrigated acres.

BARLEY: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1984 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	20,700	20,700	32.3	32.3	668,000	25,300	24,300	30.5	31.8	772,000
Divide	44,100	43,200	26.5	27.1	1,170,300	16,800	13,700	14.6	18.0	246,000
Mountrail	31,900	31,900	34.1	34.1	1,088,300	27,100	26,100	28.3	29.4	767,700
Renville	18,800	18,800	54.5	54.5	1,024,700	60,200	60,200	44.0	44.0	2,649,300
Ward	18,400	18,400	47.0	47.0	864,200	67,600	67,600	44.2	44.2	2,990,800
Williams	62,300	60,800	27.2	27.9	1,693,600	16,500	14,000	14.8	17.4	243,600
Northwest	196,200	193,800	33.2	33.6	6,509,100	213,500	205,900	35.9	37.2	7,669,400
Benson	17,700	17,700	43.6	43.6	772,400	45,100	45,100	45.3	45.3	2,044,000
Bottineau	26,100	26,100	38.6	38.6	1,007,400	116,900	116,900	39.8	40.5	4,732,600
McHenry	7,500	7,200	38.5	40.1	288,700	37,500	36,800	42.2	43.0	1,581,300
Pierce	13,300	13,300	39.9	39.9	530,100	32,700	32,700	40.1	40.1	1,309,900
Rolette	9,100	8,300	48.3	52.9	439,100	41,900	40,700	42.1	43.4	1,765,900
North Central	73,700	72,600	41.2	41.8	3,037,700	276,300	272,200	41.4	42.0	11,433,700
Cavalier	28,200	28,200	60.0	60.0	1,692,300	171,800	170,800	58.4	58.7	10,031,700
Grand Forks	11,900	11,200	55.6	59.1	662,000	133,100	130,800	65.4	66.6	8,710,000
Nelson	13,700	13,700	59.5	59.5	814,900	53,200	53,200	60.1	60.1	3,196,100
Pembina	9,000	8,500	64.2	68.0	577,700	81,000	80,500	73.1	73.5	5,919,300
Ramsey	10,300	10,300	53.0	53.0	546,000	82,700	80,700	53.4	54.7	4,414,000
Towner	17,700	17,200	47.8	49.2	846,300	87,300	85,800	44.0	44.8	3,840,700
Walsh	15,600	15,100	63.7	65.8	993,800	84,400	83,900	70.3	70.8	5,936,200
Northeast	106,400	104,200	57.6	58.9	6,133,000	693,500	685,700	60.6	61.3	42,048,000
Dunn	10,700	10,700	42.5	42.5	454,900	14,300	13,800	39.3	40.7	562,100
McKenzie	24,500	21,900	30.2	33.7	739,100	10,200	8,300	24.0	29.4	244,300
McLean	24,000	24,000	45.6	45.6	1,095,300	22,700	22,700	35.7	35.7	809,600
Mercer	5,800	5,800	43.4	43.4	251,600	6,100	6,100	36.3	36.3	221,400
Oliver	4,900	4,900	45.8	45.8	224,400	6,000	6,000	34.8	34.8	208,600
West Central	69,900	67,300	39.6	41.1	2,765,300	59,300	56,900	34.5	36.0	2,046,000
Eddy	5,000	5,000	41.8	41.8	208,900	11,700	11,700	42.8	42.8	501,100
Foster	4,400	4,400	59.5	59.5	261,900	11,500	11,500	52.9	52.9	608,100
Kidder	4,300	3,800	34.2	38.7	147,100	9,400	9,400	40.9	40.9	384,900
Sheridan	3,200	3,100	44.2	45.6	141,500	18,800	18,400	46.2	47.2	868,500
Stutsman	13,500	13,500	62.3	62.3	841,700	65,500	63,500	53.1	54.8	3,480,300
Wells	9,000	9,000	45.2	45.2	407,100	43,000	43,000	47.4	47.4	2,036,900
Central	39,400	38,800	51.0	51.8	2,008,200	159,900	157,500	49.3	50.0	7,879,800
Barnes	19,900	19,400	58.1	59.6	1,155,400	120,100	118,600	61.6	62.4	7,400,600
Cass	15,900	15,900	65.9	65.9	1,048,100	143,900	142,900	72.8	73.3	10,477,900
Griggs	9,500	9,500	56.9	56.9	540,500	45,500	45,500	61.9	61.9	2,814,500
Steele	9,900	9,900	64.0	64.0	633,200	75,100	74,100	64.3	65.1	4,826,800
Traill	5,900	5,900	60.9	60.9	359,500	104,100	103,100	69.3	70.0	7,216,500
East Central	61,100	60,600	61.2	61.7	3,736,700	488,700	484,200	67.0	67.6	32,736,300
Adams	8,300	8,300	55.4	55.4	459,800	9,700	9,200	42.8	45.1	415,200
Billings	2,900	2,900	29.4	29.4	85,300	2,100	1,600	18.4	24.2	38,700
Bowman	20,500	19,500	41.7	43.9	855,300	8,500	8,500	36.1	36.1	306,700
Golden Valley	12,100	10,800	30.3	34.0	367,100	5,700	5,500	31.2	32.3	177,900
Hettinger	18,400	18,100	51.3	52.1	943,900	19,600	19,400	41.3	41.7	809,100
Slope	16,600	16,600	45.5	45.5	755,400	8,400	8,400	44.0	44.0	369,600
Stark	14,900	14,600	39.2	40.0	583,500	12,100	11,400	33.4	35.5	404,500
Southwest	93,700	90,800	43.2	44.6	4,050,300	66,100	64,000	38.1	39.4	2,521,700
Burleigh	5,100	5,100	48.5	48.5	247,300	11,900	11,900	40.6	40.6	483,700
Emmons	3,500	3,500	52.9	52.9	185,300	17,400	16,900	50.2	51.6	872,700
Grant	12,400	11,700	47.7	50.6	591,500	18,600	16,800	31.8	35.2	591,500
Morton	19,300	18,800	47.6	48.9	919,200	22,600	22,100	38.8	39.6	875,800
Sioux	1,600	1,600	68.2	68.2	109,100	2,400	2,400	42.9	42.9	102,900
South Central	41,900	40,700	49.0	50.4	2,052,400	72,900	70,100	40.1	41.7	2,926,600
Dickey	3,300	3,200	62.9	64.9	207,700	36,200	35,800	60.4	61.1	2,187,700
LaMoure	3,000	3,000	64.8	64.8	194,500	36,000	36,000	61.2	61.2	2,204,500
Logan	8,200	8,200	62.3	62.3	511,200	16,700	15,700	48.7	51.8	812,800
McIntosh	5,100	5,100	52.0	52.0	265,400	11,900	11,400	46.4	48.4	551,600
Ransom	3,200	3,200	57.6	57.6	184,300	33,500	33,000	58.7	59.6	1,967,300
Richland	3,400	3,400	68.2	68.2	231,900	44,600	44,100	63.3	64.0	2,822,100
Sargent	4,000	4,000	59.0	59.0	235,800	25,000	25,000	58.4	58.4	1,461,200
Southeast	30,200	30,100	60.6	60.8	1,830,800	203,900	201,000	58.9	59.7	12,007,200
STATE	712,500	698,900	45.1	46.0	32,123,500	2,233,900	2,197,500	54.3	55.2	121,268,700

1/ See page 103 for irrigated acres.

OATS: Acreage, Yield and Production by Counties,
North Dakota, 1980 and 1981 (Final)

District and County	1980					1981				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	6,500	6,200	30.3	31.8	197,000	10,500	9,800	40.9	43.8	429,000
Divide	10,000	7,800	30.3	38.8	303,000	10,000	8,200	39.3	47.9	393,000
Mountrail	15,000	7,800	16.3	31.4	245,000	20,000	15,000	34.0	45.3	679,000
Renville	17,000	12,200	21.9	30.6	373,000	21,000	19,500	45.5	49.0	955,000
Ward	34,500	20,900	15.4	25.5	532,000	36,000	32,000	48.4	54.4	1,741,000
Williams	11,000	5,100	16.7	36.1	184,000	17,500	15,500	42.6	48.1	746,000
Northwest	94,000	60,000	19.5	30.6	1,834,000	115,000	100,000	43.0	49.4	4,943,000
Benson	10,600	7,900	28.8	38.6	305,000	15,000	14,000	41.3	44.3	620,000
Bottineau	12,000	9,100	23.8	31.3	285,000	21,000	18,000	31.9	37.2	669,000
McHenry	35,500	23,000	17.9	27.7	636,000	47,000	40,000	39.9	46.9	1,874,000
Pierce	27,900	23,000	27.7	33.7	774,000	30,000	27,500	41.7	45.5	1,252,000
Rolette	12,000	7,000	22.4	38.4	269,000	17,000	15,500	33.6	36.9	572,000
North Central	98,000	70,000	23.2	32.4	2,269,000	130,000	115,000	38.4	43.4	4,987,000
Cavalier	3,000	2,000	30.0	45.0	90,000	5,500	5,100	33.1	35.7	182,000
Grand Forks	10,300	7,300	25.5	36.0	263,000	13,500	12,500	59.0	63.8	797,000
Nelson	7,800	5,000	16.9	26.4	132,000	8,800	8,500	56.9	58.9	501,000
Pembina	2,400	1,300	28.8	53.1	69,000	4,000	3,000	33.5	44.7	134,000
Ramsey	2,500	2,000	30.0	37.5	75,000	5,400	4,500	38.9	46.7	210,000
Towner	2,300	1,100	17.4	36.4	40,000	4,000	3,800	32.8	34.5	131,000
Walsh	5,700	4,300	26.5	35.1	151,000	7,800	7,600	58.7	60.3	458,000
Northeast	34,000	23,000	24.1	35.7	820,000	49,000	45,000	49.2	53.6	2,413,000
Dunn	35,500	2,600	1.6	21.9	57,000	35,000	20,500	19.9	34.0	696,000
McKenzie	22,000	2,800	3.1	24.3	68,000	25,000	14,500	23.5	40.6	588,000
McLean	32,500	19,400	14.7	24.6	478,000	32,000	28,500	38.0	42.6	1,215,000
Mercer	26,500	6,300	4.2	17.5	110,000	28,500	22,000	34.9	45.2	994,000
Oliver	28,500	7,900	7.4	26.6	210,000	24,500	19,500	30.9	38.8	756,000
West Central	145,000	39,000	6.4	23.7	923,000	145,000	105,000	29.3	40.5	4,249,000
Eddy	11,500	10,700	31.6	33.9	363,000	13,500	12,000	43.2	48.6	583,000
Foster	11,000	8,500	30.3	39.2	333,000	12,000	11,000	53.5	58.4	642,000
Kidder	34,500	9,800	5.7	20.0	196,000	39,000	34,000	38.1	43.6	1,484,000
Sheridan	17,000	7,300	10.5	24.4	178,000	23,000	21,000	36.0	39.5	829,000
Stutsman	32,500	16,400	12.0	23.8	390,000	38,000	34,500	47.0	51.8	1,786,000
Wells	13,500	6,300	14.8	31.7	200,000	14,500	12,500	42.7	49.5	619,000
Central	120,000	59,000	13.8	28.1	1,660,000	140,000	125,000	42.5	47.5	5,943,000
Barnes	18,000	12,800	19.1	26.8	343,000	23,500	22,500	58.6	61.2	1,378,000
Cass	12,500	12,200	43.4	44.4	542,000	19,000	17,500	69.6	75.5	1,322,000
Griggs	7,800	5,900	30.3	40.0	236,000	12,000	11,000	57.2	62.4	686,000
Steele	2,400	2,300	36.3	37.8	87,000	4,600	4,500	59.6	60.9	274,000
Traill	3,300	2,800	43.3	51.1	143,000	6,900	6,500	67.8	72.0	468,000
East Central	44,000	36,000	30.7	37.5	1,351,000	66,000	62,000	62.5	66.6	4,128,000
Adams	14,000	1,900	1.4	10.5	20,000	16,000	7,300	12.8	27.9	204,000
Billings	10,500	1,200	2.2	19.2	23,000	14,000	3,600	6.9	26.9	97,000
Bowman	31,500	3,300	2.8	26.7	88,000	23,000	12,700	13.2	23.9	304,000
Golden Valley	9,000	2,200	4.3	17.7	39,000	11,500	8,500	21.7	29.4	250,000
Hettinger	14,500	4,600	5.7	17.8	82,000	17,000	10,500	24.1	39.0	410,000
Slope	9,500	1,900	5.6	27.9	53,000	12,000	7,900	21.1	32.0	253,000
Stark	36,000	6,900	2.6	13.6	94,000	41,500	27,500	20.6	31.0	853,000
Southwest	125,000	22,000	3.2	18.1	399,000	135,000	78,000	17.6	30.4	2,371,000
Burleigh	30,000	6,600	6.5	29.7	196,000	39,000	28,500	25.9	35.5	1,011,000
Emmons	56,000	4,200	1.2	15.5	65,000	56,000	44,500	35.0	44.1	1,962,000
Grant	43,500	9,400	4.5	20.7	195,000	45,500	28,500	22.9	36.5	1,040,000
Morton	58,000	6,900	2.5	21.3	147,000	62,000	39,000	22.0	35.0	1,365,000
Sioux	17,500	3,900	2.3	10.5	41,000	17,500	9,500	19.9	36.6	348,000
South Central	205,000	31,000	3.1	20.8	644,000	220,000	150,000	26.0	38.2	5,726,000
Dickey	26,500	16,000	16.7	27.6	442,000	32,000	28,500	38.6	43.4	1,236,000
LaMoure	26,500	18,500	18.0	25.8	477,000	29,500	26,000	40.5	45.9	1,194,000
Logan	33,000	10,500	4.7	14.7	154,000	30,000	24,000	38.5	48.1	1,154,000
McIntosh	31,500	8,000	2.9	11.5	92,000	33,500	29,500	41.3	46.9	1,383,000
Ransom	20,000	16,000	27.7	34.6	554,000	23,000	21,500	50.3	53.8	1,156,000
Richland	28,000	23,000	40.0	48.7	1,120,000	28,000	27,500	67.3	68.5	1,885,000
Sargent	19,500	18,000	39.0	42.3	761,000	24,000	23,000	58.0	60.5	1,392,000
Southeast	185,000	110,000	19.5	32.7	3,600,000	200,000	180,000	47.0	52.2	9,400,000
STATE	1,050,000	450,000	12.9	30.0	13,500,000	1,200,000	960,000	36.8	46.0	44,160,000

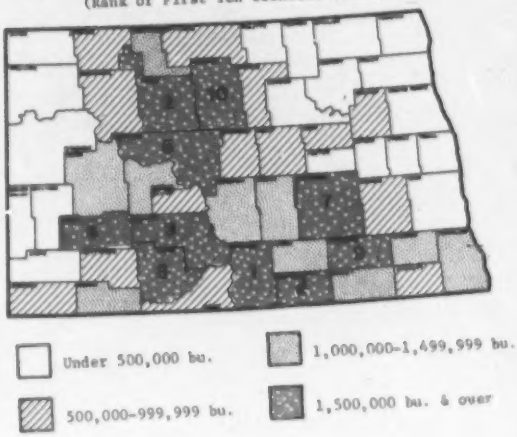
OATS: Acreage, Yield and Production by Counties,
North Dakota, 1982 (Final) and 1983 (Revised)

District and County	1982					1983				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	15,000	13,000	38.5	44.5	578,000	26,000	24,500	49.0	52.0	1,274,000
Divide	12,000	10,500	44.3	50.6	531,000	19,500	17,000	34.0	39.0	663,000
Mountrail	26,500	22,500	45.8	54.0	1,215,000	44,500	38,000	40.1	47.0	1,786,000
Renville	22,000	20,500	55.4	59.4	1,218,000	35,000	34,500	61.1	62.0	2,139,000
Ward	43,500	39,500	54.9	60.5	2,389,000	65,000	62,500	59.6	62.0	3,875,000
Williams	21,000	19,000	48.0	53.0	1,007,000	30,000	25,500	32.3	38.0	969,000
Northwest	140,000	125,000	49.6	55.5	6,938,000	220,000	202,000	48.7	53.0	10,706,000
Benson	14,500	13,500	52.6	56.5	763,000	25,000	22,500	37.8	42.0	945,000
Bottineau	20,000	18,000	48.6	54.0	972,000	41,000	32,500	43.7	55.2	1,793,000
McHenry	46,000	42,500	45.4	49.2	2,089,000	52,000	47,000	45.2	50.0	2,350,000
Pierce	24,500	23,000	47.4	50.5	1,162,000	32,000	29,000	38.1	42.0	1,218,000
Rolette	15,000	13,000	47.7	55.0	715,000	10,000	9,000	41.4	46.0	414,000
North Central	120,000	110,000	47.5	51.8	5,701,000	160,000	140,000	42.0	48.0	6,720,000
Cavalier	5,500	5,100	68.4	73.7	376,000	6,000	4,600	43.3	56.5	260,000
Grand Forks	11,500	11,000	70.9	74.1	815,000	13,000	6,900	30.8	58.0	400,000
Nelson	11,500	10,500	65.7	72.0	756,000	19,000	17,000	47.2	52.8	897,000
Pembina	6,200	5,800	74.8	80.0	464,000	13,000	3,300	16.0	63.0	208,000
Ramsey	5,100	4,600	59.6	66.1	304,000	7,000	5,400	42.4	55.0	297,000
Towner	3,500	3,100	57.1	64.5	200,000	6,000	3,100	23.2	44.8	139,000
Walsh	7,700	6,900	60.9	68.0	469,000	11,000	9,700	47.6	54.0	524,000
Northeast	51,000	47,000	66.4	72.0	3,384,000	75,000	50,000	36.3	54.5	2,725,000
Dunn	42,000	35,000	47.3	56.7	1,986,000	50,000	38,500	43.1	56.0	2,156,000
McKenzie	22,500	17,500	42.4	54.5	954,000	26,000	20,000	36.2	47.0	940,000
McLean	36,500	32,000	48.1	54.9	1,756,000	60,000	51,000	44.2	52.0	2,652,000
Mercer	29,000	23,000	42.0	53.0	1,219,000	35,000	25,500	37.5	51.5	1,312,000
Oliver	20,000	17,500	51.2	58.5	1,023,000	24,000	20,000	41.7	50.0	1,000,000
West Central	150,000	125,000	46.3	55.5	6,938,000	195,000	155,000	41.3	52.0	8,060,000
Eddy	17,500	17,000	61.5	63.3	1,076,000	18,000	16,500	44.0	48.0	792,000
Foster	12,000	9,500	45.8	57.9	550,000	15,000	11,500	42.9	56.0	644,000
Kidder	35,000	30,500	40.3	46.3	1,412,000	37,000	33,500	40.2	44.4	1,489,000
Sheridan	16,500	13,500	43.8	53.5	722,000	24,000	21,000	42.0	48.0	1,008,000
Stutsman	30,000	27,000	51.8	57.6	1,555,000	57,000	53,000	48.4	52.0	2,756,000
Wells	14,000	12,500	48.6	54.4	680,000	24,000	19,500	47.1	58.0	1,131,000
Central	125,000	110,000	48.0	54.5	5,995,000	175,000	155,000	44.7	50.5	7,820,000
Barnes	20,500	18,000	56.7	64.6	1,163,000	22,000	19,500	49.6	56.0	1,092,000
Cass	17,500	16,500	66.8	70.8	1,169,000	14,000	9,100	45.5	70.0	637,000
Griggs	14,000	13,000	66.7	71.8	934,000	16,000	14,500	47.1	52.0	754,000
Steele	5,500	5,000	68.0	74.8	374,000	4,000	1,700	28.3	66.5	113,000
Traill	6,500	5,500	62.8	74.2	408,000	4,000	3,200	47.0	58.8	188,000
East Central	64,000	58,000	63.3	69.8	4,048,000	60,000	48,000	46.4	58.0	2,784,000
Adams	22,500	19,500	41.6	47.9	935,000	34,000	30,500	51.7	57.6	1,758,000
Billings	11,000	8,000	35.5	48.8	390,000	14,000	10,000	34.3	48.0	480,000
Bowman	20,500	17,000	36.6	44.2	751,000	17,000	15,000	37.9	43.0	645,000
Golden Valley	14,000	12,500	40.4	45.3	566,000	13,000	10,000	30.8	40.0	400,000
Hettinger	19,000	17,500	39.7	43.1	754,000	27,000	24,500	47.2	52.0	1,274,000
Slope	14,000	11,500	41.6	50.6	582,000	16,000	11,000	37.1	54.0	594,000
Stark	44,000	39,000	42.3	47.7	1,860,000	54,000	49,000	46.3	51.0	2,499,000
Southwest	145,000	125,000	40.3	46.7	5,838,000	175,000	150,000	43.7	51.0	7,650,000
Burleigh	37,000	32,000	44.2	51.1	1,635,000	50,000	40,500	32.8	40.5	1,640,000
Emmons	58,000	48,500	35.7	42.7	2,069,000	65,000	51,500	38.0	48.0	2,472,000
Grant	43,500	34,000	33.4	42.7	1,452,000	48,000	43,000	42.1	47.0	2,021,000
Morton	61,000	53,000	46.0	52.9	2,803,000	60,000	43,000	35.8	50.0	2,150,000
Sioux	15,500	12,500	33.5	41.5	519,000	17,000	12,000	32.5	46.0	552,000
South Central	215,000	180,000	39.4	47.1	8,478,000	240,000	190,000	36.8	46.5	8,835,000
Dickey	25,500	22,500	35.5	40.2	904,000	28,000	24,000	38.1	44.5	1,068,000
LaMoure	29,000	26,500	50.3	55.1	1,460,000	25,000	22,000	39.6	45.0	990,000
Logan	25,500	21,000	39.5	48.0	1,008,000	29,000	25,000	33.6	39.0	975,000
McIntosh	36,000	32,500	35.8	39.6	1,288,000	44,000	42,000	44.8	47.0	1,973,000
Ransom	24,000	21,500	50.8	56.7	1,218,000	25,000	21,000	48.7	58.0	1,218,000
Richland	28,500	26,500	54.8	58.9	1,561,000	26,000	18,000	45.0	65.0	1,170,000
Sargent	21,500	19,500	41.4	45.7	891,000	23,000	18,000	40.7	52.0	936,000
Southeast	190,000	170,000	43.8	49.0	8,330,000	200,000	170,000	41.7	49.0	8,330,000
STATE	1,200,000	1,050,000	46.4	53.0	55,650,000	1,500,000	1,260,000	42.4	50.5	63,630,000

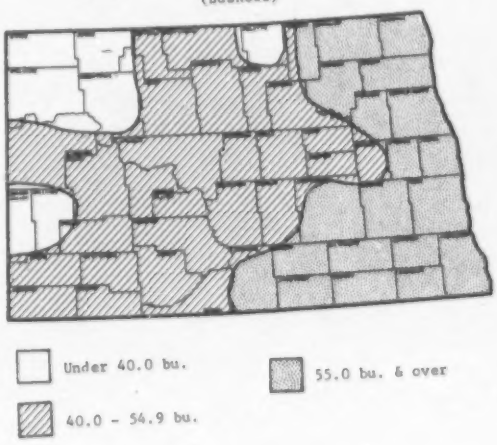
OATS: Acreage, Yield and Production by Counties, North Dakota, 1984 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	18,500	17,000	35.4	38.5	655,000
Divide	16,500	13,500	22.1	27.0	365,000
Mountrail	33,000	24,500	28.6	38.5	943,000
Renville	24,500	23,500	50.4	52.5	1,234,000
Ward	50,000	48,000	49.5	51.5	2,474,000
Williams	22,500	13,500	18.6	31.0	419,000
Northwest	165,000	140,000	36.9	43.5	6,090,000
Benson	13,000	11,600	38.4	43.0	499,000
Bottineau	19,000	17,500	36.8	40.0	700,000
McHenry	40,000	38,000	38.0	40.0	1,520,000
Pierce	22,000	20,500	38.7	41.5	851,000
Rolette	6,000	5,400	32.8	36.5	197,000
North Central	100,000	93,000	37.7	40.5	3,767,000
Cavalier	4,000	3,700	58.3	63.0	233,000
Grand Forks	7,500	7,300	65.2	67.0	489,000
Nelson	10,500	9,600	57.9	63.3	608,000
Pembina	4,500	4,200	59.8	64.0	269,000
Ramsey	4,500	4,300	61.1	64.0	275,000
Towner	3,000	2,500	47.7	57.2	143,000
Walsh	6,000	4,900	53.2	65.1	319,000
Northeast	40,000	36,500	58.4	64.0	2,336,000
Dunn	44,000	29,500	33.9	50.5	1,490,000
McKenzie	22,000	9,500	17.9	41.5	394,000
McLean	47,000	42,000	43.6	48.8	2,048,000
Mercer	36,000	26,000	29.3	40.5	1,053,000
Oliver	21,000	18,000	39.4	46.0	828,000
West Central	170,000	125,000	34.2	46.5	5,813,000
Eddy	15,000	14,900	48.7	49.0	730,000
Foster	9,000	8,600	51.6	54.0	464,000
Kidder	34,000	29,000	39.7	46.5	1,349,000
Sheridan	17,500	13,000	31.2	42.0	546,000
Stutsman	34,000	31,000	56.3	61.8	1,915,000
Wells	15,500	13,500	46.2	53.0	716,000
Central	125,000	110,000	45.8	52.0	5,720,000
Barnes	14,000	13,500	65.1	67.5	911,000
Cass	6,500	6,300	69.7	71.9	453,000
Griggs	10,000	9,300	47.0	50.5	470,000
Steele	2,500	2,400	62.4	65.0	156,000
Traill	2,000	2,000	60.5	60.5	121,000
East Central	35,000	33,500	60.3	63.0	2,111,000
Adams	25,000	23,000	46.5	50.5	1,162,000
Billings	11,000	5,500	19.3	38.5	212,000
Bowman	23,000	17,500	34.3	45.0	788,000
Golden Valley	14,000	9,500	22.7	33.5	318,000
Hettinger	21,000	18,500	46.7	53.0	981,000
Slope	14,000	11,000	33.0	42.0	462,000
Stark	47,000	42,000	43.5	48.7	2,046,000
Southwest	155,000	127,000	38.5	47.0	5,969,000
Burleigh	38,000	31,000	37.5	46.0	1,426,000
Emmons	58,000	48,000	49.2	59.4	2,851,000
Grant	43,000	33,000	38.0	49.5	1,634,000
Morton	57,000	48,000	40.4	48.0	2,304,000
Sioux	14,000	10,000	38.6	54.0	540,000
South Central	210,000	170,000	41.7	51.5	8,755,000
Dickey	20,000	19,500	61.5	63.0	1,229,000
LaMoure	24,000	23,500	64.6	66.0	1,551,000
Logan	22,500	21,000	57.4	61.5	1,292,000
McIntosh	38,000	37,000	59.7	61.3	2,267,000
Ransom	16,500	16,000	66.4	68.5	1,096,000
Richland	16,000	15,500	77.5	80.0	1,240,000
Sargent	13,000	12,500	57.2	59.5	744,000
Southeast	150,000	145,000	62.8	65.0	9,419,000
STATE	1,150,000	980,000	43.5	51.0	49,980,000

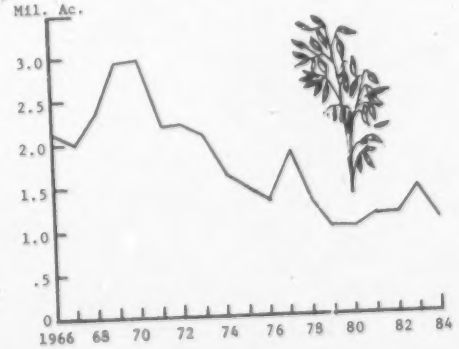
OATS, 1984 - Production by Counties, (Rank of First Ten Counties Shown)



OATS, 1984 - Yield per Harvested Acre (Bushels)



OATS PLANTED ACRES
North Dakota, 1966-84



RYE: Acreage, Yield and Production by Counties,
North Dakota, 1979 and 1980 (Final)

District and County	1979					1980				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	800	800	23.5	23.5	18,800	500	400	14.4	18.0	7,200
Divide	300	300	23.7	23.7	7,100	100	100	17.0	17.0	1,700
Mountrail	1,100	1,000	23.0	25.3	25,300	400	200	8.5	17.0	3,400
Renville	1,800	1,700	19.4	20.5	34,900	1,000	500	8.5	17.0	8,500
Ward	2,600	2,500	28.4	29.5	73,800	700	500	11.4	16.0	8,000
Williams	1,400	1,300	26.9	29.0	37,700	1,000	700	12.0	17.1	12,000
Northwest	8,000	7,600	24.7	26.0	197,600	3,700	2,400	11.0	17.0	40,800
Benson	2,000	1,800	21.3	23.6	42,500	1,300	600	8.5	18.5	11,100
Bottineau	9,500	9,200	25.7	26.5	243,800	6,700	5,000	14.9	20.0	100,000
McHenry	13,500	12,400	22.0	24.0	297,600	6,900	5,500	10.4	13.0	71,500
Pierce	7,100	6,300	20.0	22.5	141,800	2,900	2,300	17.1	21.5	49,500
Rolette	4,400	4,300	20.5	21.0	90,300	2,200	1,100	6.5	13.1	14,400
North Central	36,500	34,000	22.4	24.0	816,000	20,000	14,500	12.3	17.0	246,500
Cavalier	400	400	30.0	30.0	12,000	100	100	15.0	15.0	1,500
Grand Forks	1,300	1,200	31.8	34.5	41,400	300	100	5.0	15.0	1,500
Nelson	200	200	28.5	28.5	5,700	100	100	14.0	14.0	1,400
Pembina	1,800	1,700	31.7	33.5	57,000	700	400	8.6	15.0	6,000
Ramsey	200	200	30.0	30.0	6,000	100	100	14.0	14.0	1,400
Towner	500	500	26.6	26.6	13,300	100	100	15.0	15.0	1,500
Walsh	600	500	25.0	30.0	15,000	300	200	9.0	13.5	2,700
Northeast	5,000	4,700	30.1	32.0	150,400	1,700	1,100	9.4	14.5	16,000
Dunn	300	300	21.0	21.0	6,300	100	100	14.0	14.0	1,400
McKenzie	400	300	18.0	24.0	7,200	100	100	14.0	14.0	1,400
McLean	5,500	5,200	30.7	32.5	169,000	2,500	1,400	7.8	14.0	19,600
Mercer	200	200	22.0	22.0	4,400	200	100	7.0	14.0	1,400
Oliver	100	100	22.0	22.0	2,200	100	100	14.0	14.0	1,400
West Central	6,500	6,100	29.1	31.0	189,100	3,000	1,800	8.4	14.0	25,200
Eddy	3,900	3,800	30.7	31.5	119,700	1,800	1,100	14.4	23.5	25,900
Foster	5,500	5,400	31.9	32.5	175,500	2,400	1,300	15.5	28.5	37,100
Kidder	3,500	3,200	11.9	13.0	41,600	1,400	1,300	16.7	18.0	23,400
Sheridan	2,600	2,500	16.8	17.5	43,800	800	700	16.6	19.0	13,300
Stutsman	7,800	7,000	27.3	30.4	212,800	3,100	2,400	19.4	25.0	60,000
Wells	4,200	4,100	35.1	36.0	147,600	1,500	600	11.5	28.7	17,200
Central	27,500	26,000	26.9	28.5	741,000	11,000	7,400	16.1	23.9	176,900
Barnes	2,000	1,900	26.0	27.3	51,900	800	700	12.3	14.0	9,800
Cass	7,500	6,300	27.7	33.0	207,900	900	800	17.0	19.1	15,300
Griggs	500	400	18.8	23.5	9,400	100	100	16.0	16.0	1,600
Steele	400	300	18.0	24.0	7,200	200	200	15.5	15.5	3,100
Traill	100	100	26.0	26.0	2,600	100	100	16.0	16.0	1,600
East Central	10,500	9,000	26.6	31.0	279,000	2,100	1,900	15.0	16.5	31,400
Adams	2,800	2,700	30.9	32.0	86,400	2,700	1,700	8.7	13.8	23,500
Billings	400	300	18.8	25.0	7,500	500	100	3.2	16.0	1,600
Bowman	900	800	32.9	37.0	29,600	200	100	8.0	16.0	1,600
Golden Valley	100	100	22.0	22.0	2,200	100	100	16.0	16.0	1,600
Hettinger	3,400	3,200	21.2	22.5	72,000	1,900	600	4.3	13.5	8,100
Slope	1,000	1,000	20.5	20.5	20,500	700	200	4.6	16.0	3,200
Stark	2,400	1,900	25.8	32.5	61,800	1,400	400	7.1	25.0	10,000
Southwest	11,000	10,000	25.5	28.0	280,000	7,500	3,200	6.6	15.5	49,600
Burleigh	1,800	1,700	15.8	16.7	28,400	700	300	4.7	11.0	3,300
Emmons	1,400	1,300	19.5	21.0	27,300	600	200	3.3	10.0	2,000
Grant	2,100	2,000	17.6	18.5	37,000	1,000	400	4.2	10.5	4,200
Morton	300	300	14.0	14.0	4,200	300	100	3.7	11.0	1,100
Sioux	400	300	11.3	15.0	4,500	400	200	5.0	10.0	2,000
South Central	6,000	5,600	16.9	18.1	101,400	3,000	1,200	4.2	10.5	12,600
Dickey	7,000	6,400	27.4	30.0	192,000	2,000	1,800	22.5	25.0	45,000
LaMoure	6,700	6,500	28.6	29.5	191,800	1,900	1,800	32.2	34.0	61,200
Logan	1,400	1,400	28.2	28.2	39,500	600	500	25.7	30.8	15,400
McIntosh	6,000	5,900	23.6	24.0	141,600	7,300	6,500	19.2	21.5	139,800
Ransom	7,000	6,600	28.8	30.5	201,300	1,700	1,600	25.4	27.0	43,200
Richland	3,800	3,700	34.1	35.0	129,500	1,600	1,500	33.8	36.0	54,000
Sargent	7,100	6,500	38.0	41.5	269,800	2,900	2,800	31.9	33.0	92,400
Southeast	39,000	37,000	29.9	31.5	1,165,500	18,000	16,500	25.1	27.3	451,000
STATE	150,000	140,000	26.1	28.0	3,920,000	70,000	50,000	15.0	21.0	1,050,000

RYE: Acreage, Yield and Production by Counties,
North Dakota, 1981 and 1982 (Final)

District and County	1981					1982				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	700	600	20.1	23.5	14,100	900	800	26.7	30.0	24,000
Divide	100	100	23.0	23.0	2,300	200	200	29.5	29.5	5,900
Mountrail	900	800	20.4	23.0	18,400	500	400	24.0	30.0	12,000
Renville	1,100	1,000	25.0	27.5	27,500	1,200	1,100	28.9	31.5	34,700
Ward	1,700	1,600	35.3	37.5	60,000	1,500	1,400	31.0	33.2	46,500
Williams	3,200	2,700	19.2	22.7	61,300	1,100	1,100	33.5	33.5	36,900
Northwest	7,700	6,800	23.8	27.0	183,600	5,400	5,000	29.6	32.0	160,000
Benson	800	700	32.4	37.0	25,900	800	700	25.4	29.0	20,300
Bottineau	4,800	4,300	37.2	41.5	178,500	4,900	4,500	29.2	31.8	143,100
McHenry	7,900	7,700	38.5	39.5	304,200	7,400	7,200	27.7	28.5	205,200
Pierce	4,200	4,100	36.1	37.0	151,700	5,000	4,800	30.7	32.0	153,600
Rolette	1,800	1,700	34.0	36.0	61,200	1,900	1,800	29.0	30.6	55,100
North Central	19,500	18,500	37.0	39.0	721,500	20,000	19,000	28.9	30.4	577,300
Cavalier	100	100	28.0	28.0	2,800	100	100	31.0	31.0	3,100
Grand Forks	300	300	28.0	28.0	8,400	300	300	30.7	30.7	9,200
Nelson	200	200	25.0	25.0	5,000	200	200	31.0	31.0	6,200
Pembina	700	600	23.6	27.5	16,500	600	500	25.8	31.0	15,500
Ramsey	100	100	28.0	28.0	2,800	100	100	29.0	29.0	2,900
Towner	100	100	28.0	28.0	2,800	100	100	30.0	30.0	3,000
Walsh	600	500	23.3	28.0	14,000	900	800	28.0	31.5	25,200
Northeast	2,100	1,900	24.9	27.5	52,300	2,300	2,100	28.3	31.0	65,100
Dunn	300	200	13.7	20.5	4,100	400	300	26.3	35.0	10,500
McKenzie	500	400	15.2	19.0	7,600	200	200	35.0	35.0	7,000
McLean	3,200	3,100	19.0	19.6	60,800	3,600	3,500	32.9	33.8	118,300
Mercer	500	400	18.0	22.5	9,000	500	400	27.6	34.5	13,800
Oliver	100	100	25.0	25.0	2,500	100	100	34.0	34.0	3,400
West Central	4,600	4,200	18.3	20.0	84,000	4,800	4,500	31.9	34.0	153,000
Eddy	1,300	1,200	31.2	33.8	40,600	1,400	1,200	31.7	37.0	44,400
Foster	1,200	1,200	39.5	39.5	47,400	1,300	1,200	33.5	36.3	43,600
Kidder	2,000	2,000	27.0	27.0	54,000	1,800	1,600	29.8	33.5	53,600
Sheridan	1,100	1,000	26.4	29.0	29,000	1,100	1,000	29.5	32.5	32,500
Stutsman	4,500	4,200	36.9	39.5	165,900	6,200	5,900	35.2	37.0	218,300
Wells	900	900	34.0	34.0	30,600	1,200	1,100	33.0	36.0	39,600
Central	11,000	10,500	33.4	35.0	367,500	13,000	12,000	33.2	36.0	432,000
Barnes	1,100	1,000	32.3	35.5	35,500	1,400	1,300	35.6	38.3	49,800
Cass	400	400	30.0	30.0	12,000	300	300	37.0	37.0	11,100
Griggs	200	200	22.5	22.5	4,500	100	100	33.0	33.0	3,300
Steele	200	200	29.5	29.5	5,900	200	200	35.5	35.5	7,100
Traill	100	100	29.0	29.0	2,900	100	100	37.0	37.0	3,700
East Central	2,000	1,900	30.4	32.0	60,800	2,100	2,000	35.7	37.5	75,000
Adams	2,000	1,700	16.6	19.5	33,200	2,800	2,700	29.4	30.5	82,400
Billings	300	300	20.0	20.0	6,000	500	400	22.8	28.5	11,400
Bowman	500	400	15.6	19.5	7,800	700	700	32.0	32.0	22,400
Golden Valley	100	100	19.0	19.0	1,900	200	200	28.5	28.5	5,700
Hettinger	2,700	2,400	16.9	19.0	45,600	3,500	3,400	28.7	29.6	100,600
Slope	1,200	1,000	15.8	19.0	19,000	1,400	1,300	27.4	29.5	38,400
Stark	1,700	1,500	18.1	20.5	30,800	2,900	2,800	27.0	28.0	78,400
Southwest	8,500	7,400	17.0	19.5	144,300	12,000	11,500	28.3	29.5	339,300
Burleigh	1,300	1,300	25.0	25.0	32,500	1,400	1,300	28.6	30.8	40,000
Emmons	1,100	1,100	30.1	30.1	33,100	1,200	1,100	27.5	30.0	33,000
Grant	1,900	1,800	28.4	30.0	54,000	2,100	2,000	29.0	30.5	61,000
Morton	900	800	28.4	32.0	25,600	1,000	900	26.1	29.0	26,100
Sioux	900	800	19.1	21.5	17,200	1,200	1,100	26.6	29.0	31,900
South Central	6,100	5,800	26.6	28.0	162,400	6,900	6,400	27.8	30.0	192,000
Dickey	2,800	2,700	27.0	28.0	75,600	2,800	2,600	31.4	33.8	87,900
LaMoure	3,300	3,200	26.2	27.0	86,400	2,900	2,700	30.7	33.0	89,100
Logan	800	800	28.0	28.0	22,400	700	600	25.7	30.0	18,000
McIntosh	1,300	1,200	34.5	37.4	44,900	1,400	1,300	26.9	29.0	37,700
Ransom	1,500	1,400	24.3	26.0	36,400	1,400	1,300	32.1	34.5	44,900
Richland	1,400	1,400	33.0	33.0	46,200	1,500	1,400	30.3	32.5	45,500
Sargent	2,400	2,300	34.0	35.5	81,700	2,800	2,600	29.7	32.0	83,200
Southeast	13,500	13,000	29.2	30.3	393,600	13,500	12,500	30.1	32.5	406,300
STATE	75,000	70,000	28.9	31.0	2,170,000	80,000	75,000	30.0	32.0	2,400,000

RYE: Acreage, Yield and Production by Counties,
North Dakota, 1983 (Revised) and 1984 (Preliminary)

District and County	1983					1984				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	3,800	3,700	25.7	26.4	97,500	3,900	3,800	28.9	29.7	112,900
Divide	1,100	900	21.3	26.0	23,400	1,000	700	14.0	20.0	14,000
Mountrail	2,900	2,700	25.1	27.0	72,900	2,600	2,200	25.0	29.5	64,900
Renville	2,500	2,400	34.6	36.0	86,400	1,700	1,700	33.0	33.0	56,100
Ward	2,400	2,200	27.0	29.5	64,900	3,400	3,300	26.2	27.0	89,100
Williams	4,300	4,100	27.7	29.0	118,900	2,400	2,300	28.8	30.0	69,000
Northwest	17,000	16,000	27.3	29.0	464,000	15,000	14,000	27.1	29.0	406,000
Benson	1,400	1,400	30.0	30.0	42,000	2,000	2,000	42.0	42.0	84,000
Bottineau	12,400	12,000	34.9	36.0	432,400	8,000	8,000	31.0	31.0	248,000
McHenry	10,400	10,000	25.5	26.5	265,000	12,500	12,500	29.3	29.3	366,000
Pierce	6,800	6,700	24.6	25.0	167,500	5,500	5,500	32.0	32.0	176,000
Rolette	4,000	3,900	24.4	25.0	97,500	6,000	6,000	30.0	30.0	180,000
North Central	35,000	34,000	28.7	29.5	1,004,400	34,000	34,000	31.0	31.0	1,054,000
Cavalier	400	400	33.0	33.0	13,200	200	200	36.0	36.0	7,200
Grand Forks	700	700	37.0	37.0	25,900	400	400	35.0	35.0	14,000
Nelson	300	300	44.0	44.0	13,200	1,100	1,100	38.0	38.0	41,800
Pembina	800	800	41.0	41.0	32,800	2,000	2,000	39.8	39.8	79,600
Ramsey	200	200	34.0	34.0	6,800	---	---	---	---	---
Towner	700	700	33.0	33.0	23,100	1,700	1,700	34.0	34.0	57,800
Walsh	900	900	41.1	41.1	37,000	1,600	1,600	41.0	41.0	65,600
Northeast	4,000	4,000	38.0	38.0	152,000	7,000	7,000	38.0	38.0	266,000
Dunn	600	600	23.0	23.0	13,800	400	400	38.0	38.0	15,200
McKenzie	400	400	23.0	23.0	9,200	300	300	30.0	30.0	9,000
McLean	3,500	3,500	28.8	28.8	100,800	4,500	4,300	32.2	33.7	144,700
Mercer	400	400	33.0	33.0	13,200	1,700	1,700	30.0	30.0	51,000
Oliver	100	100	30.0	30.0	3,000	100	100	45.0	45.0	4,500
West Central	5,000	5,000	28.0	28.0	140,000	7,000	6,800	32.1	33.0	224,400
Eddy	4,100	4,000	37.1	38.0	152,000	4,200	4,000	33.3	35.0	140,000
Foster	2,300	2,300	41.0	41.0	94,300	2,800	2,800	48.0	48.0	134,400
Kidder	1,900	1,800	24.6	26.0	46,800	2,800	2,600	31.6	34.0	88,400
Sheridan	2,800	2,700	21.2	22.0	59,400	3,000	2,600	26.9	31.0	80,600
Stutsman	5,300	5,100	38.5	40.0	204,000	6,200	6,100	42.8	43.5	265,400
Wells	1,600	1,600	35.0	35.0	56,000	3,000	2,900	36.7	38.0	110,200
Central	18,000	17,500	34.0	35.0	612,500	22,000	21,000	37.2	39.0	819,000
Barnes	2,500	2,300	36.6	39.7	91,400	2,400	2,400	44.0	44.0	105,600
Cass	1,200	1,100	24.8	27.0	29,700	1,400	1,400	54.0	54.0	75,600
Griggs	300	300	28.0	28.0	8,400	---	---	---	---	---
Steele	---	---	---	---	---	200	200	44.0	44.0	8,800
Traill	---	---	---	---	---	---	---	---	---	---
East Central	4,000	3,700	32.4	35.0	129,500	4,000	4,000	47.5	47.5	190,000
Adams	4,900	4,700	29.7	31.0	145,700	4,000	3,800	32.3	34.0	129,200
Billings	300	300	26.0	26.0	7,800	1,000	1,000	20.0	20.0	20,000
Bowman	3,900	3,500	26.0	29.0	101,500	6,000	5,400	27.0	30.0	162,000
Golden Valley	200	200	21.0	21.0	4,200	---	---	---	---	---
Hettinger	5,200	5,100	30.5	31.1	158,600	6,300	6,200	32.7	33.2	206,100
Slope	2,900	2,800	29.9	31.0	86,800	500	500	25.0	25.0	12,500
Stark	4,600	4,400	27.3	28.5	125,400	5,200	5,100	31.4	32.0	163,200
Southwest	22,000	21,000	28.6	30.0	630,000	23,000	22,000	30.1	31.5	693,000
Burleigh	2,000	1,900	32.0	33.6	63,900	2,800	2,700	44.4	46.0	124,200
Emmons	700	700	34.0	34.0	23,800	1,300	1,300	29.0	29.0	37,700
Grant	2,100	2,000	29.0	30.5	61,000	3,700	3,500	23.2	24.5	85,900
Morton	1,500	1,200	24.8	31.0	37,200	1,400	1,400	34.0	34.0	47,600
Sioux	700	700	27.0	27.0	18,900	800	800	43.0	43.0	34,400
South Central	7,000	6,500	29.3	31.5	204,800	10,000	9,700	33.0	34.0	329,800
Dickey	5,600	5,400	37.1	38.5	207,900	8,500	8,400	44.5	45.0	378,000
LaMoure	5,700	5,600	35.9	36.5	204,400	8,900	8,400	46.2	49.0	411,600
Logan	600	500	28.3	34.0	17,000	1,000	1,000	29.0	29.0	29,000
McIntosh	2,100	2,100	27.0	27.0	56,700	2,600	2,600	41.0	41.0	106,600
Ransom	3,700	3,600	30.2	31.0	111,600	3,000	2,800	38.7	41.5	116,200
Richland	3,500	3,500	36.0	36.0	126,000	3,700	3,600	44.6	45.8	164,900
Sargent	6,800	6,600	38.1	39.3	259,200	5,300	4,700	39.9	45.0	211,500
Southeast	28,000	27,300	35.1	36.0	982,800	33,000	31,500	43.0	45.0	1,417,800
STATE	140,000	135,000	30.9	32.0	4,320,000	155,000	150,000	34.8	36.0	5,400,000

SUNFLOWER, ALL: Acreage, Yield and Production by Counties,
North Dakota, 1980 and 1981 (Final)

District and County	1980					1981				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	11,000	9,000	760	930	8,336	18,000	17,900	870	870	15,580
Divide	11,000	10,500	1140	1200	12,580	22,000	21,500	940	960	20,570
Mountrail	10,000	9,600	1020	1070	10,245	17,000	16,800	950	960	16,200
Renville	23,000	22,500	1090	1120	25,144	32,000	31,900	1010	1010	32,170
Ward	66,000	65,000	950	970	62,821	99,000	98,900	1080	1080	106,520
Williams	4,000	3,400	800	950	3,218	12,000	11,500	760	800	9,160
Northwest	125,000	120,000	980	1020	122,344	200,000	198,500	1000	1010	200,200
Benson	72,000	66,000	970	1050	69,590	100,000	99,700	1220	1220	122,010
Bottineau	60,000	57,000	790	830	47,508	115,000	112,500	1010	1030	115,800
McHenry	35,000	33,500	890	930	31,285	75,000	74,700	1220	1220	91,220
Pierce	31,500	29,500	820	870	25,772	59,000	58,900	1300	1310	76,960
Rolette	21,500	19,000	760	860	16,408	31,000	30,700	1240	1250	38,410
North Central	220,000	205,000	870	930	190,563	380,000	376,500	1170	1180	444,400
Cavalier	47,000	38,000	820	1010	38,317	40,000	39,900	1250	1250	50,040
Grand Forks	115,000	112,000	830	850	95,043	92,000	91,100	1120	1130	102,700
Nelson	61,000	59,000	860	890	52,424	71,000	70,400	1250	1270	89,090
Pembina	71,000	66,000	920	990	65,233	39,000	37,700	1050	1080	40,880
Ramsey	71,000	67,000	930	990	66,221	82,000	81,500	1220	1230	100,070
Towner	40,000	35,000	800	920	32,147	38,000	37,900	1350	1360	51,370
Walsh	60,000	53,000	770	870	46,034	48,000	47,500	1270	1290	61,150
Northeast	465,000	430,000	850	920	395,419	410,000	406,000	1210	1220	495,300
Dunn	3,300	2,600	390	500	1,301	4,500	4,400	1090	1110	4,900
McKenzie	1,900	1,600	840	1000	1,601	3,500	3,500	1090	1090	3,820
McLean	27,000	25,800	1210	1270	32,779	53,000	52,600	1310	1320	69,250
Mercer	3,400	3,000	710	800	2,400	4,000	4,000	1240	1240	4,960
Oliver	2,400	2,000	750	900	1,801	3,000	3,000	1240	1240	3,720
West Central	38,000	35,000	1050	1140	39,882	68,000	67,500	1270	1280	86,650
Eddy	47,000	46,000	1170	1200	55,034	57,000	56,800	1200	1210	68,670
Foster	71,000	55,500	780	1000	55,240	84,000	83,400	1280	1290	107,240
Kidder	7,500	7,000	710	760	5,349	17,000	17,000	1110	1110	18,850
Sheridan	20,500	19,500	750	780	15,292	34,000	33,800	1250	1250	42,350
Stutsman	186,000	175,000	860	910	160,103	225,000	223,100	1230	1240	276,850
Wells	98,000	77,000	790	1010	77,413	173,000	171,400	1260	1270	218,100
Central	430,000	380,000	860	970	368,431	590,000	585,500	1240	1250	732,060
Barnes	155,000	145,000	930	990	143,909	150,000	149,400	1320	1320	197,460
Cass	180,000	175,000	1060	1090	191,228	125,000	124,000	1220	1230	152,110
Griggs	55,000	47,000	790	920	43,348	55,000	54,700	1270	1280	70,010
Steele	64,000	63,000	1020	1030	65,053	55,000	54,700	1380	1390	76,100
Traill	66,000	65,000	1080	1090	71,027	45,000	44,700	1230	1240	55,370
East Central	520,000	495,000	990	1040	514,565	430,000	427,500	1280	1290	551,050
Adams	9,200	7,500	530	650	4,855	13,500	13,500	880	880	11,830
Billings	2,400	2,300	690	720	1,649	3,000	3,000	970	970	2,910
Bowman	3,900	3,700	580	610	2,248	5,500	5,300	940	980	5,190
Golden Valley	1,900	1,800	770	820	1,470	2,200	2,200	920	920	2,020
Hettinger	46,000	38,500	450	540	20,706	51,000	50,800	920	920	46,910
Slope	4,300	4,100	530	560	2,287	5,000	5,000	1030	1030	5,160
Stark	4,300	4,100	780	820	3,348	5,800	5,700	1010	1030	5,880
Southwest	72,000	62,000	510	590	36,563	86,000	85,500	930	930	79,900
Burleigh	11,500	10,500	510	560	5,866	22,000	21,600	1030	1050	22,670
Emmons	6,600	6,500	540	550	3,567	11,500	11,500	980	980	11,280
Grant	21,000	20,500	500	510	10,431	19,000	18,900	1020	1020	19,320
Morton	7,200	7,000	570	590	4,120	12,500	12,500	1030	1030	12,830
Sioux	3,700	3,500	520	550	1,921	1,000	1,000	1000	1000	1,000
South Central	50,000	48,000	520	540	25,905	66,000	65,500	1020	1020	67,100
Dickey	96,000	94,000	910	930	87,707	82,000	79,900	1160	1190	94,770
LaMoure	105,000	103,000	990	1010	104,372	105,000	104,500	1190	1200	125,220
Logan	10,500	10,000	850	890	8,929	14,000	14,000	1040	1040	14,610
McIntosh	12,500	12,000	720	750	9,030	19,000	18,700	1130	1140	21,410
Ransom	55,000	51,000	1380	1480	75,728	57,000	56,500	1310	1320	74,700
Richland	135,000	125,000	950	1020	127,920	83,000	82,500	1190	1200	98,730
Sargent	66,000	65,000	1120	1130	73,692	60,000	59,400	1200	1210	72,060
Southeast	480,000	460,000	1020	1060	487,378	420,000	415,500	1190	1210	501,500
STATE	2,400,000	2,235,000	910	976	2,181,050	2,650,000	2,628,000	1190	1202	3,158,160

SUNFLOWER, ALL: Acreage, Yield and Production by Counties,
North Dakota, 1982 (Final) and 1983 (Revised)

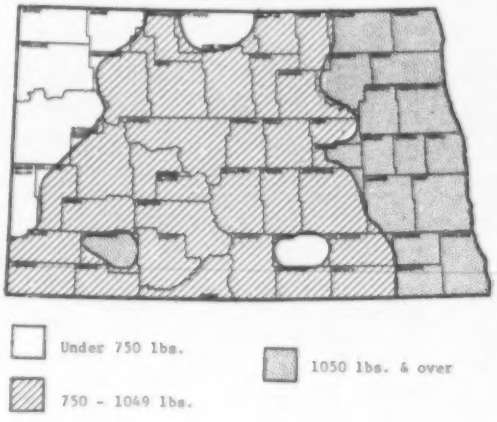
District and County	1982					1983				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	24,000	24,000	790	790	19,059	22,500	22,400	830	840	18,784
Divide	30,000	30,000	920	920	27,600	23,400	23,200	650	650	15,094
Mountrail	33,000	31,000	1020	1090	33,790	26,500	26,400	1100	1100	29,044
Renville	36,000	35,000	1030	1060	37,100	25,000	25,000	1180	1180	29,500
Ward	112,000	111,000	1030	1040	115,515	82,000	81,500	1150	1160	94,477
Williams	20,000	19,000	810	850	16,186	13,100	13,000	790	800	10,406
Northwest	255,000	250,000	980	1000	249,250	192,500	191,500	1020	1030	197,305
Benson	152,000	150,000	1070	1080	162,000	98,000	98,000	930	930	91,421
Bottineau	132,000	131,000	980	990	129,686	69,000	68,000	1050	1060	72,180
McHenry	104,000	102,000	1060	1080	110,160	68,000	68,000	1180	1180	80,092
Pierce	85,000	84,000	1110	1120	94,080	62,000	62,000	1020	1020	63,027
Rolette	47,000	47,000	1030	1030	48,400	38,000	38,000	1080	1080	41,040
North Central	520,000	514,000	1050	1060	544,326	335,000	334,000	1040	1040	347,760
Cavalier	57,000	56,000	840	860	48,096	41,000	41,000	1130	1130	46,440
Grand Forks	99,000	98,000	1160	1170	114,464	68,000	65,000	1090	1140	74,100
Nelson	90,000	89,000	1110	1120	99,502	72,000	69,000	1070	1110	76,920
Pembina	38,000	37,000	1090	1120	41,551	12,500	12,000	1100	1150	13,785
Ramsey	121,000	119,000	1070	1090	129,833	93,500	92,600	1050	1060	98,261
Towner	63,000	63,000	1070	1070	67,284	43,500	43,000	1120	1130	48,519
Walsh	61,000	60,000	990	1010	60,420	38,500	38,500	1130	1130	43,502
Northeast	529,000	522,000	1060	1080	561,150	369,000	361,100	1090	1110	401,527
Dunn	5,000	5,000	860	860	4,300	5,000	5,000	1100	1100	5,504
McKenzie	6,000	6,000	1020	1020	6,120	3,500	3,500	830	830	2,905
McLean	107,000	103,000	1150	1190	122,583	95,500	94,500	1090	1100	104,136
Mercer	9,000	9,000	1060	1060	9,540	7,000	7,000	900	900	6,300
Oliver	5,000	5,000	1090	1090	5,425	4,500	4,500	1110	1110	4,995
West Central	132,000	128,000	1120	1160	147,968	115,500	114,500	1070	1080	123,840
Eddy	71,000	70,000	1110	1130	79,100	54,500	54,500	1220	1220	66,455
Foster	103,000	101,000	1240	1270	128,169	80,500	78,500	1050	1080	84,842
Kidder	34,000	34,000	880	880	29,988	18,000	17,500	880	900	15,810
Sheridan	66,000	64,000	1040	1070	68,416	53,500	53,000	1080	1090	57,748
Stutsman	241,000	237,000	1170	1190	281,787	190,000	186,500	940	960	179,055
Wells	192,000	188,000	1140	1160	218,080	145,500	141,900	1060	1090	154,089
Central	707,000	694,000	1140	1160	805,540	542,000	531,900	1030	1050	557,999
Barnes	181,000	179,000	1260	1280	228,952	131,000	129,500	960	970	125,747
Cass	120,000	119,000	1240	1250	148,750	54,000	53,500	1180	1190	63,673
Griggs	67,000	66,000	1180	1200	79,266	52,000	51,500	1020	1030	53,010
Steele	66,000	65,000	1250	1270	82,550	39,000	39,000	1110	1110	43,314
Traill	38,000	38,000	1160	1160	44,232	8,500	8,500	1230	1230	10,446
East Central	472,000	467,000	1240	1250	583,750	284,500	282,000	1040	1050	296,190
Adams	20,000	19,000	960	1010	19,190	16,000	16,000	1160	1160	18,560
Billings	3,000	3,000	740	740	2,220	2,500	2,500	1020	1020	2,548
Bowman	7,000	7,000	830	830	5,810	6,000	6,000	890	890	5,340
Golden Valley	5,000	5,000	1100	1100	5,500	2,000	2,000	1000	1000	2,008
Hettinger	70,000	69,000	1030	1040	71,834	56,000	56,000	1190	1190	66,748
Slope	7,000	7,000	800	800	5,600	6,000	5,600	980	1050	5,880
Stark	11,000	11,000	770	770	8,426	10,000	9,900	990	1000	9,900
Southwest	123,000	121,000	960	980	118,580	98,500	98,000	1130	1130	110,984
Burleigh	47,000	45,000	930	970	43,760	30,000	29,500	950	970	28,612
Emmons	29,000	28,000	820	850	23,800	9,000	9,000	870	870	7,830
Grant	33,000	32,500	920	930	30,225	26,000	25,500	1080	1100	28,171
Morton	29,000	28,500	860	880	24,995	19,000	17,000	850	950	16,132
Sioux	4,000	4,000	700	700	2,800	3,000	3,000	850	850	2,550
South Central	142,000	138,000	880	910	125,580	87,000	84,000	960	990	83,295
Dickey	117,000	116,000	1070	1086	125,226	78,000	77,000	870	880	67,529
LaMoure	137,000	135,000	1180	1200	162,000	105,000	104,000	930	940	98,012
Logan	24,000	24,000	900	900	21,600	16,000	16,000	950	950	15,200
McIntosh	33,000	33,000	890	890	29,370	23,000	23,000	890	890	20,470
Ransom	66,000	65,000	1210	1230	79,950	46,000	46,000	940	940	43,253
Richland	71,000	70,000	1190	1210	84,700	32,000	31,000	1080	1110	34,440
Sargent	72,000	71,000	930	910	64,610	51,000	50,000	950	970	48,596
Southeast	520,000	514,000	1090	1100	567,456	351,000	347,000	930	940	327,500
STATE	3,400,000	3,348,000	1090	1106	3,703,600	2,375,000	2,344,000	1030	1044	2,446,400

SUNFLOWER, ALL: Acreage, Yield and Production
by Counties, North Dakota, 1984 (Preliminary)

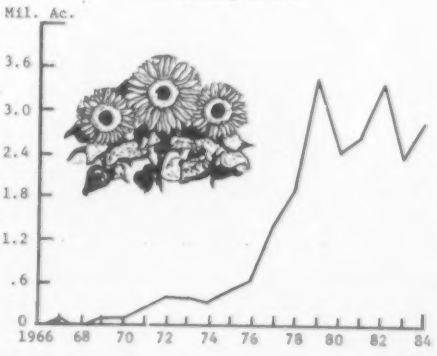
District and County	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	30,500	29,500	550	560	16,640
Divide	26,500	23,500	330	370	8,800
Mountrail	55,000	53,000	730	750	39,890
Renville	34,000	32,500	770	800	26,010
Ward	110,000	109,000	970	980	107,150
Williams	24,000	22,500	490	520	11,710
Northwest	280,000	270,000	750	780	210,200
Benson	110,000	109,000	940	950	103,090
Bottineau	80,000	79,000	660	670	53,150
McHenry	105,000	103,000	860	880	90,500
Pierce	77,000	77,000	890	890	68,660
Rolette	48,000	47,000	850	870	40,880
North Central	420,000	415,000	850	860	356,280
Cavalier	50,000	48,500	1170	1200	58,300
Grand Forks	78,000	77,500	1100	1110	86,020
Nelson	89,000	88,500	1050	1060	93,890
Pembina	20,000	20,000	1220	1220	24,480
Ramsey	95,000	93,500	1040	1060	99,260
Towner	51,000	49,500	960	990	48,920
Walsh	52,000	51,500	1140	1150	59,060
Northeast	435,000	429,000	1080	1100	469,930
Dunn	10,000	9,600	960	1000	9,620
McKenzie	4,000	3,400	380	440	1,500
McLean	140,000	139,000	980	980	136,860
Mercer	12,000	12,000	1010	1010	12,090
Oliver	9,000	9,000	800	800	7,170
West Central	175,000	173,000	960	970	167,240
Eddy	61,000	61,000	940	940	57,480
Foster	91,000	90,500	1140	1150	103,800
Kidder	24,000	24,000	910	910	21,770
Sheridan	69,000	69,000	960	960	66,170
Stutsman	200,000	199,000	970	970	193,400
Wells	160,000	159,500	960	970	154,080
Central	605,000	603,000	990	990	596,700
Barnes	135,000	135,000	1050	1050	142,110
Cass	69,000	68,600	1280	1290	88,460
Griggs	52,000	51,600	1120	1130	58,110
Steele	37,000	37,000	1180	1180	43,740
Traill	7,000	6,800	1230	1260	8,580
East Central	300,000	299,000	1140	1140	341,000
Adams	30,000	30,000	950	950	28,490
Billings	2,000	2,000	770	770	1,530
Bowman	12,000	12,000	760	760	9,060
Golden Valley	3,000	3,000	650	650	1,960
Hettinger	79,000	78,000	1090	1110	86,470
Slope	10,000	10,000	1000	1000	10,000
Stark	24,000	24,000	950	950	22,790
Southwest	160,000	159,000	1000	1010	160,300
Burleigh	42,000	40,000	710	750	29,820
Emmons	16,500	16,000	950	980	15,670
Grant	35,000	34,500	880	890	30,710
Morton	27,500	27,000	750	770	20,740
Sioux	4,000	3,500	840	960	3,360
South Central	125,000	121,000	800	830	100,300
Dickey	70,000	69,500	900	910	63,280
LaMoure	105,000	105,000	1040	1040	109,390
Logan	19,000	19,000	680	680	12,920
McIntosh	31,000	31,000	860	860	26,660
Ransom	42,000	41,500	1090	1100	45,630
Richland	33,000	32,500	1150	1170	37,910
Sargent	50,000	49,500	1040	1050	52,110
Southeast	350,000	348,000	990	1000	347,900
STATE	2,850,000	2,817,000	960	976	2,749,850

ALL SUNFLOWER, 1984 - Production by Counties
(Rank of First Ten Counties Shown)

ALL SUNFLOWER, 1984 - Yield per Harvested Acre
(Pounds)



ALL SUNFLOWER PLANTED ACRES
North Dakota, 1966-84



SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by Counties, North Dakota, 1980 (Final)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	11,000	9,000	760	930	8,336	---	---	---	---	---
Divide	11,000	10,500	1140	1200	12,580	---	---	---	---	---
Mountrail	10,000	9,600	1020	1070	10,245	---	---	---	---	---
Renville	22,600	22,100	1100	1120	24,791	400	400	880	880	353
Ward	63,800	62,800	960	970	61,098	2,200	2,200	780	780	1,723
Williams	4,000	3,400	800	950	3,218	---	---	---	---	---
Northwest	122,400	117,400	980	1020	120,268	2,600	2,600	800	800	2,076
Benson	66,000	61,000	970	1050	64,116	6,000	5,000	910	1090	5,474
Bottineau	52,000	50,100	760	790	39,749	8,000	6,900	970	1120	7,759
McHenry	33,000	31,600	880	920	29,091	2,000	1,900	1100	1150	2,194
Pierce	29,500	27,600	810	870	24,032	2,000	1,900	870	920	1,740
Rolette	21,200	18,700	760	860	16,169	300	300	800	800	239
North Central	201,700	189,000	860	920	173,157	18,300	16,000	950	1090	17,406
Cavalier	45,000	36,500	820	1010	36,859	2,000	1,500	730	970	1,458
Grand Forks	96,000	93,200	840	870	81,058	19,000	18,800	740	740	13,985
Nelson	57,000	55,100	860	890	49,097	4,000	3,900	830	850	3,327
Pembina	63,000	58,500	920	990	57,794	8,000	7,500	930	990	7,439
Ramsey	66,000	62,500	940	990	62,160	5,000	4,500	810	900	4,061
Towner	36,500	31,900	810	920	29,473	3,500	3,100	760	860	2,674
Walsh	58,000	51,300	760	860	44,196	2,000	1,700	920	1080	1,838
Northeast	421,500	389,000	860	930	360,637	43,500	41,000	800	850	34,782
Dunn	3,300	2,600	390	500	1,301	---	---	---	---	---
McKenzie	1,900	1,600	840	1000	1,601	---	---	---	---	---
McLean	25,300	24,100	1230	1290	31,082	1,700	1,700	1000	1000	1,697
Mercer	3,400	3,000	710	800	2,400	---	---	---	---	---
Oliver	2,400	2,000	750	900	1,801	---	---	---	---	---
West Central	36,300	33,300	1050	1150	38,185	1,700	1,700	1000	1000	1,697
Eddy	40,000	39,300	1160	1180	46,507	7,000	6,700	1220	1270	8,527
Foster	51,000	39,000	780	1030	40,028	20,000	16,500	760	920	15,212
Kidder	7,000	6,600	730	770	5,088	500	400	520	650	261
Sheridan	11,500	10,800	800	850	9,189	9,000	8,700	680	700	6,103
Stutsman	177,500	167,500	870	920	153,789	8,500	7,500	740	840	6,314
Wells	87,000	67,000	800	1040	69,596	11,000	10,000	710	780	7,817
Central	374,000	330,200	870	980	324,197	56,000	49,800	790	890	44,234
Barnes	147,000	138,200	950	1010	139,066	8,000	6,800	610	710	4,843
Cass	175,000	170,100	1070	1100	186,706	5,000	4,900	900	920	4,522
Griggs	52,000	44,100	770	910	40,148	3,000	2,900	1070	1100	3,200
Steele	60,000	59,100	1010	1020	60,476	4,000	3,900	1140	1170	4,577
Traill	50,000	49,500	1080	1100	54,235	16,000	15,500	1050	1080	16,792
East Central	484,000	461,000	990	1040	480,631	36,000	34,000	940	1000	33,934
Adams	9,200	7,500	530	650	4,855	---	---	---	---	---
Billings	2,400	2,300	690	720	1,649	---	---	---	---	---
Bowman	3,900	3,700	580	610	2,248	---	---	---	---	---
Golden Valley	1,900	1,800	770	820	1,470	---	---	---	---	---
Hettinger	45,100	37,600	440	530	19,763	900	900	1050	1050	943
Slope	4,300	4,100	530	560	2,287	---	---	---	---	---
Stark	4,300	4,100	780	820	3,348	---	---	---	---	---
Southwest	71,100	61,100	500	580	35,620	900	900	1050	1050	943
Burleigh	11,500	10,500	510	560	5,866	---	---	---	---	---
Emmons	6,600	6,500	540	550	3,567	---	---	---	---	---
Grant	21,000	20,500	500	510	10,431	---	---	---	---	---
Morton	7,200	7,000	570	590	4,120	---	---	---	---	---
Sioux	3,700	3,500	520	550	1,921	---	---	---	---	---
South Central	50,000	48,000	520	540	25,905	---	---	---	---	---
Dickey	88,000	86,100	930	950	81,606	8,000	7,900	760	770	6,101
LaMoure	96,500	94,800	1010	1020	97,134	8,500	8,200	850	880	7,238
Logan	10,000	9,500	850	890	8,478	500	500	900	900	451
McIntosh	12,500	12,000	720	750	9,030	---	---	---	---	---
Ransom	45,000	42,000	1450	1550	65,076	10,000	9,000	1070	1180	10,652
Richland	132,000	122,100	950	1030	125,389	3,000	2,900	840	870	2,531
Sargent	55,000	54,500	1160	1170	63,687	11,000	10,500	910	950	10,005
Southeast	439,000	421,000	1030	1070	450,400	41,000	39,000	900	950	36,978
STATE	2,200,000	2,050,000	910	980	2,009,000	200,000	185,000	860	930	172,050

SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by Counties, North Dakota, 1981 (Final)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	17,500	17,400	870	880	15,240	500	500	680	680	340
Divide	21,000	20,500	940	970	19,800	1,000	1,000	770	770	770
Mountrail	16,000	15,800	940	960	15,100	1,000	1,000	1100	1100	1,100
Renville	30,000	29,900	1010	1020	30,360	2,000	2,000	910	910	1,810
Ward	92,500	92,400	1070	1080	99,340	6,500	6,500	1100	1100	7,180
Williams	12,000	11,500	760	800	9,160	---	---	---	---	---
Northwest	189,000	187,500	1000	1010	189,000	11,000	11,000	1020	1020	11,200
Benson	92,000	91,700	1210	1210	111,400	8,000	8,000	1330	1330	10,610
Bottineau	105,000	102,500	980	1000	102,900	10,000	10,000	1290	1290	12,900
McHenry	71,000	70,700	1200	1200	85,180	4,000	4,000	1510	1510	6,040
Pierce	55,000	54,900	1300	1310	71,650	4,000	4,000	1330	1330	5,310
Rolette	30,000	29,700	1230	1240	36,970	1,000	1,000	1440	1440	1,440
North Central	353,000	349,500	1160	1170	408,100	27,000	27,000	1340	1340	36,300
Cavalier	39,000	38,900	1250	1250	48,620	1,000	1,000	1420	1420	1,420
Grand Forks	81,000	80,500	1130	1140	91,770	11,000	10,600	990	1030	10,930
Nelson	67,000	66,500	1260	1270	84,440	4,000	3,900	1160	1190	4,650
Pembina	37,000	35,700	1060	1100	39,260	2,000	2,000	810	810	1,620
Ramsey	73,000	72,500	1220	1230	89,160	9,000	9,000	1210	1210	10,910
Towner	34,500	34,400	1370	1370	47,120	3,500	3,500	1210	1210	4,250
Walsh	46,500	46,000	1280	1290	59,330	1,500	1,500	1210	1210	1,820
Northeast	378,000	374,500	1220	1230	459,700	32,000	31,500	1110	1130	35,600
Dunn	4,500	4,400	1090	1110	4,900	---	---	---	---	---
McKenzie	3,000	3,000	1120	1120	3,370	500	500	900	900	450
McLean	49,500	49,100	1300	1310	64,150	3,500	3,500	1460	1460	5,100
Mercer	4,000	4,000	1240	1240	4,960	---	---	---	---	---
Oliver	3,000	3,000	1240	1240	3,720	---	---	---	---	---
West Central	64,000	63,500	1270	1280	81,100	4,000	4,000	1390	1390	5,550
Eddy	38,000	37,900	1190	1200	45,380	19,000	18,900	1230	1230	23,290
Foster	61,000	60,500	1260	1270	76,670	23,000	22,900	1330	1330	30,570
Kidder	16,000	16,000	1110	1110	17,720	1,000	1,000	1130	1130	1,130
Sheridan	25,000	24,900	1290	1300	32,300	9,000	8,900	1120	1130	10,050
Stutsman	206,000	204,200	1220	1230	250,650	19,000	18,900	1380	1390	26,200
Wells	149,000	147,500	1270	1290	189,880	24,000	23,900	1180	1180	28,220
Central	495,000	491,000	1240	1250	612,600	95,000	94,500	1260	1260	119,460
Barnes	144,000	143,500	1320	1330	190,340	6,000	5,900	1190	1210	7,120
Cass	122,000	121,000	1220	1230	148,340	3,000	3,000	1260	1260	3,770
Griggs	50,000	49,800	1300	1310	65,060	5,000	4,900	990	1010	4,950
Steele	51,000	50,800	1400	1410	71,470	4,000	3,900	1160	1190	4,630
Traill	36,000	35,900	1250	1260	45,090	9,000	8,800	1140	1170	10,280
East Central	403,000	401,000	1290	1300	520,300	27,000	26,500	1140	1160	30,750
Adams	13,500	13,500	880	880	11,830	---	---	---	---	---
Billings	3,000	3,000	970	970	2,910	---	---	---	---	---
Bowman	5,500	5,300	940	980	5,190	---	---	---	---	---
Golden Valley	2,000	2,000	930	930	1,860	200	200	800	800	160
Hettinger	49,200	49,000	920	930	45,470	1,800	1,800	800	800	1,440
Slope	5,000	5,000	1030	1030	5,160	---	---	---	---	---
Stark	5,800	5,700	1010	1030	5,880	---	---	---	---	---
Southwest	84,000	83,500	930	940	78,300	2,000	2,000	800	800	1,600
Burleigh	22,000	21,600	1030	1050	22,670	---	---	---	---	---
Emmons	11,500	11,500	980	980	11,280	---	---	---	---	---
Grant	16,700	16,600	990	1000	16,610	2,300	2,300	1180	1180	2,710
Morton	11,800	11,800	1020	1020	12,040	700	700	1130	1130	790
Sioux	1,000	1,000	1000	1000	1,000	---	---	---	---	---
South Central	63,000	62,500	1010	1020	63,600	3,000	3,000	1170	1170	3,500
Dickey	76,500	74,500	1160	1190	88,990	5,500	5,400	1050	1070	5,780
LaMoure	99,000	98,500	1190	1190	117,660	6,000	6,000	1260	1260	7,560
Logan	13,500	13,500	1050	1050	14,110	500	500	1000	1000	500
McIntosh	19,000	18,700	1130	1140	21,410	---	---	---	---	---
Ransom	50,000	49,800	1320	1320	65,930	7,000	6,700	1250	1310	8,770
Richland	81,000	80,500	1190	1190	96,150	2,000	2,000	1290	1290	2,580
Sargent	52,000	51,500	1210	1220	63,050	8,000	7,900	1130	1140	9,010
Southeast	391,000	387,000	1200	1210	467,300	29,000	28,500	1180	1200	34,200
STATE	2,420,000	2,400,000	1190	1200	2,880,000	230,000	228,000	1210	1220	278,160

SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by Counties, North Dakota, 1982 (Final)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	23,500	23,500	790	790	18,499	500	500	1120	1120	560
Divide	27,000	27,000	910	910	24,450	3,000	3,000	1050	1050	3,150
Mountrail	33,000	31,000	1020	1090	33,790	---	---	---	---	---
Renville	36,000	35,000	1030	1060	37,100	---	---	---	---	---
Ward	105,500	104,500	1030	1040	108,625	6,500	6,500	1060	1060	6,890
Williams	20,000	19,000	810	850	16,186	---	---	---	---	---
Northwest	245,000	240,000	970	990	238,650	10,000	10,000	1060	1060	10,600
Benson	143,000	141,000	1040	1060	149,310	9,000	9,000	1410	1410	12,690
Bottineau	124,000	123,000	980	990	121,286	8,000	8,000	1050	1050	8,400
McHenry	101,000	99,000	1060	1080	106,980	3,000	3,000	1060	1060	3,180
Pierce	83,000	82,000	1100	1120	91,500	2,000	2,000	1290	1290	2,580
Rolette	44,000	44,000	1030	1030	45,250	3,000	3,000	1050	1050	3,150
North Central	495,000	489,000	1040	1050	514,326	25,000	25,000	1200	1200	30,000
Cavalier	54,000	53,000	840	860	45,546	3,000	3,000	850	850	2,550
Grand Forks	91,000	90,000	1150	1160	104,304	8,000	8,000	1270	1270	10,160
Nelson	88,000	87,000	1100	1110	97,002	2,000	2,000	1250	1250	2,500
Pembina	37,000	36,000	1090	1120	40,471	1,000	1,000	1080	1080	1,080
Ramsey	111,000	109,300	1060	1070	117,413	10,000	9,700	1240	1280	12,420
Towner	61,000	61,000	1070	1070	65,384	2,000	2,000	950	950	1,900
Walsh	59,000	58,000	990	1010	58,620	2,000	2,000	900	900	1,800
Northeast	501,000	494,300	1060	1070	528,740	28,000	27,700	1160	1170	32,440
Dunn	5,000	5,000	860	860	4,300	---	---	---	---	---
McKenzie	5,000	5,000	920	920	4,620	1,000	1,000	1500	1500	1,500
McLean	104,000	100,200	1140	1190	118,803	3,000	2,800	1260	1350	3,780
Mercer	9,000	9,000	1060	1060	9,540	---	---	---	---	---
Oliver	5,000	5,000	1090	1090	5,425	---	---	---	---	---
West Central	128,000	124,200	1110	1150	142,688	4,000	3,800	1320	1390	5,280
Eddy	52,000	51,000	1090	1110	56,720	19,000	19,000	1180	1180	22,380
Foster	81,000	79,500	1240	1270	100,629	22,000	21,500	1250	1280	27,540
Kidder	34,000	34,000	880	880	29,988	---	---	---	---	---
Sheridan	64,000	62,000	1030	1070	66,206	2,000	2,000	1110	1110	2,210
Stutsman	221,000	217,500	1170	1190	258,987	20,000	19,500	1140	1170	22,800
Wells	169,000	165,500	1130	1150	190,690	23,000	22,500	1190	1220	27,390
Central	621,000	609,500	1130	1150	703,220	86,000	84,500	1190	1210	102,320
Barnes	170,000	168,000	1260	1280	214,872	11,000	11,000	1280	1280	14,080
Cass	119,000	118,000	1240	1250	147,450	1,000	1,000	1300	1300	1,300
Griggs	62,000	61,000	1180	1200	72,966	5,000	5,000	1260	1260	6,300
Steele	62,000	61,000	1250	1270	77,230	4,000	4,000	1330	1330	5,320
Traill	34,000	34,000	1150	1150	39,232	4,000	4,000	1250	1250	5,000
East Central	447,000	442,000	1230	1250	551,750	25,000	25,000	1280	1280	32,000
Adams	19,700	18,700	960	1010	18,920	300	300	900	900	270
Billings	3,000	3,000	740	740	2,220	---	---	---	---	---
Bowman	7,000	7,000	830	830	5,810	---	---	---	---	---
Golden Valley	4,800	4,800	1100	1100	5,290	200	200	1050	1050	210
Hettinger	68,500	67,500	1030	1040	70,214	1,500	1,500	1080	1080	1,620
Slope	7,000	7,000	800	800	5,600	---	---	---	---	---
Stark	11,000	11,000	770	770	8,426	---	---	---	---	---
Southwest	121,000	119,000	960	980	116,480	2,000	2,000	1050	1050	2,100
Burleigh	46,500	44,500	930	970	43,200	500	500	1120	1120	560
Emmons	29,000	28,000	820	850	23,800	---	---	---	---	---
Grant	31,000	30,500	910	920	28,205	2,000	2,000	1010	1010	2,020
Morton	28,500	28,000	860	880	24,545	500	500	900	900	450
Sioux	4,000	4,000	700	700	2,800	---	---	---	---	---
South Central	139,000	135,000	880	910	122,550	3,000	3,000	1010	1010	3,030
Dickey	109,000	108,000	1060	1070	115,946	8,000	8,000	1160	1160	9,280
LaMoure	132,000	130,000	1180	1200	155,850	5,000	5,000	1230	1230	6,150
Logan	24,000	24,000	900	900	21,600	---	---	---	---	---
McIntosh	33,000	33,000	890	890	29,370	---	---	---	---	---
Ransom	59,000	58,000	1200	1230	71,060	7,000	7,000	1270	1270	8,890
Richland	68,000	67,000	1190	1210	81,040	3,000	3,000	1220	1220	3,660
Sargent	68,000	67,000	890	910	60,730	4,000	4,000	970	970	3,880
Southeast	493,000	487,000	1090	1100	535,596	27,000	27,000	1180	1180	31,860
STATE	3,190,000	3,140,000	1080	1100	3,454,000	210,000	208,000	1190	1200	249,600

SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by Counties, North Dakota, 1983 (Revised)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	19,300	19,200	830	830	15,936	3,200	3,200	890	890	2,848
Divide	23,200	23,000	640	650	14,950	200	200	720	720	144
Mountrail	26,400	26,300	1100	1100	28,930	100	100	1140	1140	114
Renville	25,000	25,000	1180	1180	29,500	---	---	---	---	---
Ward	79,600	79,100	1150	1160	91,429	2,400	2,400	1270	1270	3,048
Williams	13,000	12,900	790	800	10,320	100	100	860	860	86
Northwest	186,500	185,500	1020	1030	191,065	6,000	6,000	1040	1040	6,240
Benson	88,600	88,600	930	930	82,398	9,400	9,400	960	960	9,023
Bottineau	62,500	61,500	1030	1050	64,575	6,500	6,500	1170	1170	7,605
McHenry	67,600	67,600	1180	1180	79,664	400	400	1070	1070	428
Pierce	58,300	58,300	1010	1010	58,883	3,700	3,700	1120	1120	4,144
Rolette	38,000	38,000	1080	1080	41,040	---	---	---	---	---
North Central	315,000	314,000	1040	1040	326,560	20,000	20,000	1060	1060	21,200
Cavalier	35,500	35,500	1130	1130	40,115	5,500	5,500	1150	1150	6,325
Grand Forks	63,300	60,300	1090	1140	68,742	4,700	4,700	1140	1140	5,358
Nelson	61,800	58,800	1050	1100	64,680	10,200	10,200	1200	1200	12,240
Pembina	12,200	11,700	1100	1150	13,455	300	300	1100	1100	330
Ramsey	82,900	82,100	1050	1060	87,026	10,600	10,500	1060	1070	11,235
Towner	39,500	39,100	1120	1130	44,346	4,000	3,900	1040	1070	4,173
Walsh	38,300	38,300	1130	1130	43,274	200	200	1140	1140	228
Northeast	333,500	325,800	1080	1110	361,638	35,500	35,300	1120	1130	39,889
Dunn	4,900	4,900	1100	1100	5,390	100	100	1140	1140	114
McKenzie	3,500	3,500	830	830	2,905	---	---	---	---	---
McLean	92,600	91,600	1090	1100	100,830	2,900	2,900	1140	1140	3,306
Mercer	7,000	7,000	900	900	6,300	---	---	---	---	---
Oliver	4,500	4,500	1110	1110	4,995	---	---	---	---	---
West Central	112,500	111,500	1070	1080	120,420	3,000	3,000	1140	1140	3,420
Eddy	42,000	42,000	1240	1240	52,080	12,500	12,500	1150	1150	14,375
Foster	68,000	66,400	1040	1070	71,048	12,500	12,100	1100	1140	13,794
Kidder	17,700	17,200	870	900	15,480	300	300	1100	1100	330
Sheridan	52,400	51,900	1080	1090	56,571	1,100	1,100	1070	1070	1,177
Stutsman	180,400	177,100	930	950	168,245	9,600	9,400	1130	1150	10,810
Wells	132,500	129,100	1050	1080	139,624	13,000	12,800	1110	1130	14,465
Central	493,000	483,700	1020	1040	503,048	49,000	48,200	1120	1140	54,951
Barnes	128,100	126,600	960	970	122,818	2,900	2,900	1010	1010	2,929
Cass	53,600	53,100	1180	1190	63,189	400	400	1210	1210	484
Griggs	48,400	47,900	1020	1030	49,337	3,600	3,600	1020	1020	3,673
Steele	37,800	37,800	1110	1110	41,958	1,200	1,200	1130	1130	1,356
Traill	7,600	7,600	1230	1230	9,348	900	900	1220	1220	1,098
East Central	275,500	273,000	1040	1050	286,650	9,000	9,000	1060	1060	9,540
Adams	16,000	16,000	1160	1160	18,560	---	---	---	---	---
Billings	1,900	1,900	1000	1000	1,900	600	600	1080	1080	648
Bowman	6,000	6,000	890	890	5,340	---	---	---	---	---
Golden Valley	1,900	1,900	1000	1000	1,900	100	100	1080	1080	108
Hettinger	55,200	55,200	1190	1190	65,764	800	800	1230	1230	984
Slope	6,000	5,600	980	1050	5,880	---	---	---	---	---
Stark	10,000	9,900	990	1000	9,900	---	---	---	---	---
Southwest	97,000	96,500	1130	1130	109,244	1,500	1,500	1160	1160	1,740
Burleigh	29,700	29,200	950	970	28,324	300	300	960	960	288
Emmons	9,000	9,000	870	870	7,830	---	---	---	---	---
Grant	22,700	22,200	1090	1110	24,706	3,300	3,300	1050	1050	3,465
Morton	18,100	16,100	850	950	15,295	900	900	930	930	837
Sioux	3,000	3,000	850	850	2,550	---	---	---	---	---
South Central	82,500	79,500	950	990	78,705	4,500	4,500	1020	1020	4,590
Dickey	72,600	71,600	860	870	62,292	5,400	5,400	970	970	5,237
LaMoure	102,900	101,900	930	940	95,786	2,100	2,100	1060	1060	2,226
Logan	16,000	16,000	950	950	15,200	---	---	---	---	---
McIntosh	23,000	23,000	890	890	20,470	---	---	---	---	---
Ransom	41,700	41,700	930	930	38,781	4,300	4,300	1040	1040	4,472
Richland	30,500	29,500	1070	1110	32,745	1,500	1,500	1130	1130	1,695
Sargent	47,800	46,800	950	970	45,396	3,200	3,200	1000	1000	3,200
Southeast	334,500	330,500	930	940	310,670	16,500	16,500	1020	1020	16,830
STATE	2,230,000	2,200,000	1030	1040	2,288,000	145,000	144,000	1090	1100	158,400

SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by Counties, North Dakota, 1984 (Preliminary)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	27,500	26,500	550	570	15,110	3,000	3,000	510	510	1,530
Divide	25,500	22,500	330	370	8,330	1,000	1,000	470	470	470
Mountrail	54,300	52,300	720	750	39,250	700	700	910	910	640
Renville	34,000	32,500	770	800	26,010	---	---	---	---	---
Ward	108,700	107,700	970	980	105,590	1,300	1,300	1200	1200	1,560
Williams	24,000	22,500	490	520	11,710	---	---	---	---	---
Northwest	274,000	264,000	750	780	206,000	6,000	6,000	700	700	4,200
Benson	92,500	92,000	930	940	86,460	17,500	17,000	950	980	16,630
Bottineau	74,000	73,000	660	670	48,890	6,000	6,000	710	710	4,260
McHenry	101,000	99,000	850	870	86,100	4,000	4,000	1100	1100	4,400
Pierce	73,500	73,500	880	880	64,670	3,500	3,500	1140	1140	3,990
Rolette	48,000	47,000	850	870	40,880	---	---	---	---	---
North Central	389,000	384,500	840	850	327,000	31,000	30,500	940	960	29,280
Cavalier	45,000	43,500	1160	1200	52,200	5,000	5,000	1220	1220	6,100
Grand Forks	74,500	74,000	1090	1100	81,400	3,500	3,500	1320	1320	4,620
Nelson	78,500	78,000	1050	1060	82,660	10,500	10,500	1070	1070	11,230
Pembina	19,500	19,500	1230	1230	23,980	500	500	1000	1000	500
Ramsey	79,000	78,000	1040	1050	81,900	16,000	15,500	1090	1120	17,360
Towner	44,000	42,500	940	970	41,220	7,000	7,000	1100	1100	7,700
Walsh	49,500	49,000	1130	1140	55,840	2,500	2,500	1290	1290	3,220
Northeast	390,000	384,500	1070	1090	419,200	45,000	44,500	1130	1140	50,730
Dunn	9,700	9,300	950	990	9,200	300	300	1400	1400	420
McKenzie	4,000	3,400	380	440	1,500	---	---	---	---	---
McLean	136,500	135,500	970	980	132,730	3,500	3,500	1180	1180	4,130
Mercer	10,500	10,500	1000	1000	10,500	1,500	1,500	1060	1060	1,590
Oliver	8,300	8,300	780	780	6,470	700	700	1000	1000	700
West Central	169,000	167,000	950	960	160,400	6,000	6,000	1140	1140	6,840
Eddy	43,000	43,000	880	880	37,860	18,000	18,000	1090	1090	19,620
Foster	72,000	72,000	1130	1130	81,230	19,000	18,500	1190	1220	22,570
Kidder	22,000	22,000	880	880	19,370	2,000	2,000	1200	1200	2,400
Sheridan	64,000	64,000	950	950	60,820	5,000	5,000	1070	1070	5,350
Stutsman	173,000	173,000	960	960	166,100	27,000	26,000	1010	1050	27,300
Wells	139,000	139,000	950	950	132,320	21,000	20,500	1040	1060	21,760
Central	513,000	513,000	970	970	497,700	92,000	90,000	1080	1100	99,000
Barnes	131,500	131,500	1050	1050	138,050	3,500	3,500	1160	1160	4,060
Cass	68,800	68,400	1280	1290	88,220	200	200	1200	1200	240
Griggs	50,500	50,100	1120	1130	56,610	1,500	1,500	1000	1000	1,500
Steele	35,000	35,000	1180	1180	41,300	2,000	2,000	1220	1220	2,440
Traill	6,200	6,000	1230	1270	7,620	800	800	1200	1200	960
East Central	292,000	291,000	1140	1140	331,800	8,000	8,000	1150	1150	9,200
Adams	30,000	30,000	950	950	28,490	---	---	---	---	---
Billings	1,700	1,700	750	750	1,270	300	300	870	870	260
Bowman	11,600	11,600	750	750	8,700	400	400	900	900	360
Golden Valley	2,100	2,100	590	590	1,240	900	900	800	800	720
Hettinger	78,600	77,600	1100	1110	86,110	400	400	900	900	360
Slope	10,000	10,000	1000	1000	10,000	---	---	---	---	---
Stark	24,000	24,000	950	950	22,790	---	---	---	---	---
Southwest	158,000	157,000	1000	1010	158,600	2,000	2,000	850	850	1,700
Burleigh	40,500	38,500	710	750	28,860	1,500	1,500	640	640	960
Emmons	16,500	16,000	950	980	15,670	---	---	---	---	---
Grant	29,000	28,500	900	920	26,210	6,000	6,000	750	750	4,500
Morton	25,000	24,500	760	780	19,100	2,500	2,500	660	660	1,640
Sioux	4,000	3,500	840	960	3,360	---	---	---	---	---
South Central	115,000	111,000	810	840	93,200	10,000	10,000	710	710	7,100
Dickey	67,000	66,500	900	910	60,520	3,000	3,000	920	920	2,760
LaMoure	101,000	101,000	1040	1040	105,050	4,000	4,000	1090	1090	4,340
Logan	19,000	19,000	680	680	12,920	---	---	---	---	---
McIntosh	31,000	31,000	860	860	26,660	---	---	---	---	---
Ransom	38,000	37,500	1100	1110	41,630	4,000	4,000	1000	1000	4,000
Richland	31,500	31,000	1140	1160	35,960	1,500	1,500	1300	1300	1,950
Sargent	42,500	42,000	1070	1080	45,360	7,500	7,500	900	900	6,750
Southeast	330,000	328,000	990	1000	328,100	20,000	20,000	990	990	19,800
STATE	2,630,000	2,600,000	960	970	2,522,000	220,000	217,000	1040	1050	227,850

FLAXSEED: Acreage, Yield and Production by Counties,
North Dakota, 1980 and 1981 (Final)

District and County	1980					1981				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	800	700	7.0	8.0	5,600	1,800	1,800	9.0	9.0	16,200
Divide	300	300	10.0	10.0	3,000	500	500	12.0	12.0	6,000
Mountrail	400	400	9.0	9.0	3,600	700	700	11.0	11.0	7,700
Renville	5,500	4,600	6.7	8.0	37,000	5,500	4,900	7.1	8.0	39,200
Ward	7,500	3,700	4.4	9.0	33,300	8,600	8,300	12.6	13.1	108,500
Williams	---	---	---	---	---	400	300	9.8	13.0	3,900
Northwest	14,500	9,700	5.7	8.5	82,500	17,500	16,500	10.4	11.0	181,500
Benson	7,800	6,100	10.6	13.5	82,400	12,000	11,500	11.5	12.0	138,000
Bottineau	25,000	19,000	9.6	12.6	239,000	21,000	19,500	9.8	10.5	205,500
McHenry	8,000	6,400	7.6	9.5	60,800	9,500	9,500	11.0	11.0	104,500
Pierce	7,200	6,200	9.5	11.0	68,200	15,500	15,500	12.0	12.0	186,000
Rolette	2,000	1,300	8.8	13.5	17,600	4,000	4,000	14.0	14.0	56,000
North Central	50,000	39,000	9.4	12.0	468,000	62,000	60,000	11.1	11.5	690,000
Cavalier	7,100	6,200	17.0	19.5	120,700	14,500	14,000	15.9	16.5	231,000
Grand Forks	4,300	3,100	8.7	12.0	37,200	3,500	3,100	12.4	14.0	43,400
Nelson	8,600	7,900	14.7	16.0	126,400	12,500	12,500	14.5	14.5	181,300
Pembina	1,300	1,100	9.3	11.0	12,100	2,500	2,500	12.5	12.5	31,300
Ramsey	7,700	6,900	11.6	13.0	89,700	17,000	16,500	14.5	15.0	247,000
Towner	4,700	3,300	10.2	14.5	47,900	10,500	10,000	14.8	15.5	155,000
Walsh	6,800	6,500	13.4	14.0	91,000	6,500	6,400	15.3	15.5	99,200
Northeast	40,500	35,000	13.0	15.0	525,000	67,000	65,000	14.7	15.2	988,200
Dunn	200	100	3.0	6.0	600	200	200	9.0	9.0	1,800
McKenzie	---	---	---	---	---	200	100	5.5	11.0	1,100
McLean	9,900	7,200	8.0	11.0	79,200	10,500	10,100	12.0	12.5	126,000
Mercer	1,200	1,100	4.6	5.0	5,500	1,600	1,600	11.0	11.0	17,600
Oliver	2,200	1,300	5.3	9.0	11,700	2,500	2,500	11.0	11.0	27,500
West Central	13,500	9,700	7.2	10.0	97,000	15,000	14,500	11.6	12.0	174,000
Eddy	4,300	4,200	13.2	13.5	56,700	5,500	5,500	10.0	10.0	55,000
Foster	3,900	3,000	10.8	14.0	42,000	3,500	3,500	14.0	14.0	49,000
Kidder	6,400	4,300	4.0	6.0	25,800	8,400	8,000	11.4	12.0	96,000
Sheridan	4,600	4,400	8.6	9.0	39,600	7,400	7,300	11.8	12.0	87,600
Stutsman	15,000	11,000	7.3	10.0	110,100	13,000	12,700	14.1	14.5	183,900
Wells	6,300	4,100	8.1	12.5	51,300	9,200	9,000	11.3	11.5	103,500
Central	40,500	31,000	8.0	10.5	325,500	47,000	46,000	12.2	12.5	575,000
Barnes	12,500	12,000	10.1	10.5	126,000	15,500	15,300	13.8	14.0	214,200
Cass	8,600	8,500	13.8	14.0	119,000	6,800	6,600	14.6	15.0	99,000
Griggs	5,300	5,200	10.3	10.5	54,600	6,000	6,000	13.5	13.5	81,000
Steele	5,100	4,500	9.7	11.0	49,500	3,700	3,700	14.0	14.0	51,800
Traill	3,500	3,300	8.5	9.0	29,700	2,500	2,400	12.0	12.5	30,000
East Central	35,000	33,500	10.8	11.3	378,800	34,500	34,000	13.8	14.0	476,000
Adams	400	300	3.8	5.0	1,500	500	500	9.0	9.0	4,500
Billings	1,000	600	3.0	5.0	3,000	100	100	9.0	9.0	900
Bowman	100	100	5.0	5.0	500	300	300	9.0	9.0	2,700
Golden Valley	---	---	---	---	---	---	---	---	---	---
Hettinger	1,500	1,100	3.7	5.0	5,500	1,100	1,000	8.2	9.0	9,000
Slope	---	---	---	---	---	---	---	---	---	---
Stark	---	---	---	---	---	500	400	7.2	9.0	3,600
Southwest	3,000	2,100	3.5	5.0	10,500	2,500	2,300	8.3	9.0	20,700
Burleigh	7,600	4,600	5.3	8.7	40,200	7,500	6,800	10.9	12.0	81,600
Emmons	14,000	9,100	3.0	4.7	42,500	9,800	9,100	6.3	6.8	62,200
Grant	600	400	3.3	5.0	2,000	700	700	7.6	7.6	5,300
Morton	600	300	3.0	6.0	1,800	1,100	1,100	9.5	9.5	10,500
Sioux	200	100	2.5	5.0	500	400	300	6.0	8.0	2,400
South Central	23,000	14,500	3.8	6.0	87,000	19,500	18,000	8.3	9.0	162,000
Dickey	14,000	13,000	7.4	8.0	104,000	6,200	5,800	9.8	10.5	60,900
LaMoure	19,500	19,000	10.6	10.8	206,000	18,000	17,500	12.2	12.5	218,800
Logan	15,500	11,500	4.5	6.0	69,000	9,700	9,600	12.4	12.5	120,000
McIntosh	42,000	33,500	3.9	4.8	162,400	21,500	21,200	9.2	9.3	197,700
Ransom	6,400	6,100	9.[illegible]	9.5	58,000	2,800	2,800	12.0	12.0	33,600
Richland	4,600	4,600	1[illegible]	10.5	48,300	2,900	2,900	15.5	15.5	45,000
Sargent	8,000	7,800	9.8	10.0	78,000	3,900	3,900	14.5	14.5	56,600
Southeast	110,000	95,500	6.6	7.6	725,700	65,000	63,700	11.3	11.5	732,600
STATE	330,000	270,000	8.2	10.0	2,700,000	330,000	320,000	12.1	12.5	4,000,000

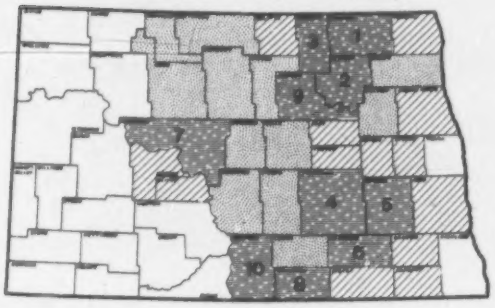
FLAXSEED: Acreage, Yield and Production by Counties,
North Dakota, 1982 (Final) and 1983 (Revised)

District and County	1982					1983				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	2,000	2,000	12.5	12.5	25,000	2,800	2,700	9.6	10.0	27,000
Divide	1,200	1,200	14.5	14.5	17,400	900	900	11.0	11.0	9,900
Mountrail	1,300	1,100	11.0	13.0	14,300	3,400	3,300	10.7	11.0	36,300
Renville	5,500	5,300	13.0	13.5	71,600	8,500	8,400	12.8	13.0	109,200
Ward	14,000	13,900	13.5	13.6	188,500	15,500	15,400	12.1	12.1	186,800
Williams	1,000	1,000	14.0	14.0	14,000	900	800	9.8	11.0	8,800
Northwest	25,000	24,500	13.2	13.5	330,800	32,000	31,500	11.8	12.0	378,000
Benson	16,000	15,500	14.5	15.0	232,500	14,500	14,400	11.9	12.0	172,800
Bottineau	22,000	20,500	11.3	12.1	248,000	18,000	17,600	11.1	11.3	199,600
McHenry	11,000	10,500	12.4	13.0	136,500	11,500	11,100	11.1	11.5	127,700
Pierce	16,500	16,000	13.6	14.0	224,000	13,500	13,400	10.9	11.0	147,400
Rolette	5,500	5,500	14.0	14.0	77,000	4,500	4,500	12.0	12.0	54,000
North Central	71,000	68,000	12.9	13.5	918,000	62,000	61,000	11.3	11.5	701,500
Cavalier	21,000	20,500	19.5	20.0	410,000	24,500	24,000	14.7	15.0	360,000
Grand Forks	7,400	6,500	13.3	15.1	98,200	5,000	4,700	8.9	9.5	44,700
Nelson	15,500	13,500	10.5	12.0	162,000	10,500	9,400	9.0	10.0	94,000
Pembina	4,600	3,000	10.4	16.0	48,000	4,000	3,700	14.8	16.0	59,200
Ramsey	23,500	20,500	13.1	15.0	307,500	15,500	15,000	13.5	14.0	210,000
Towner	14,500	12,500	15.5	18.0	225,000	15,000	14,800	13.2	13.4	198,700
Walsh	11,500	9,500	10.7	13.0	123,500	9,500	9,400	13.4	13.5	126,900
Northeast	98,000	86,000	14.0	16.0	1,374,200	84,000	81,000	13.0	13.5	1,093,500
Dunn	900	800	13.3	15.0	12,000	1,100	1,000	9.1	10.0	10,000
McKenzie	300	300	13.0	13.0	3,900	300	300	11.0	11.0	3,300
McLean	21,000	20,800	12.9	13.0	271,000	21,500	21,000	10.4	10.6	223,300
Mercer	2,300	2,200	11.5	12.0	26,400	3,600	3,500	9.7	10.0	35,000
Oliver	4,000	3,900	12.7	13.0	50,700	3,500	3,400	11.7	12.0	40,800
West Central	28,500	28,000	12.8	13.0	364,000	30,000	29,200	10.4	10.7	312,400
Eddy	5,600	5,400	12.5	13.0	70,200	4,500	4,400	7.8	8.0	35,200
Foster	4,900	4,600	14.1	15.0	69,000	5,500	4,700	9.4	11.0	51,700
Kidder	12,000	11,500	12.5	13.0	149,500	9,500	9,300	10.3	10.5	97,700
Sheridan	11,500	10,500	11.9	13.0	136,500	13,000	12,800	11.7	11.9	152,300
Stutsman	23,500	23,000	13.7	14.0	322,800	20,500	20,200	10.8	11.0	222,200
Wells	11,500	11,000	15.3	16.0	176,000	13,000	12,600	11.1	11.5	144,900
Central	69,000	66,000	13.4	14.0	924,000	66,000	64,000	10.7	11.0	704,000
Barnes	15,000	14,800	13.8	14.0	207,200	14,000	13,500	12.0	12.5	168,200
Cass	8,300	8,200	17.8	18.0	147,600	4,200	3,900	13.0	14.0	54,600
Griggs	6,800	6,700	13.3	13.5	90,700	5,300	5,100	9.2	9.5	48,500
Steele	4,600	4,500	14.7	15.0	67,500	4,300	4,300	11.0	11.0	47,300
Traill	1,300	1,300	15.0	15.0	19,500	1,200	1,200	14.5	14.5	17,400
East Central	36,000	35,500	14.8	15.0	532,500	29,000	28,000	11.6	12.0	336,000
Adams	1,400	1,300	9.3	10.0	13,000	2,100	2,000	10.5	11.0	22,000
Billings	---	---	---	---	---	300	300	9.0	9.0	2,700
Bowman	1,100	1,000	10.0	11.0	11,000	1,800	1,800	11.5	11.5	20,700
Golden Valley	---	---	---	---	---	200	200	7.0	7.0	1,400
Hettinger	2,600	2,400	12.9	14.0	33,600	3,500	3,500	11.2	11.2	39,300
Slope	700	600	11.1	13.0	7,800	1,700	1,700	10.0	10.0	17,000
Stark	1,700	1,700	13.0	13.0	22,100	2,400	2,300	8.6	9.0	20,700
Southwest	7,500	7,000	11.7	12.5	87,500	12,000	11,800	10.3	10.5	123,800
Burleigh	14,500	14,000	10.6	11.0	154,100	13,000	12,800	10.7	10.8	138,700
Emmons	18,500	18,000	9.2	9.5	171,000	15,000	14,900	9.9	10.0	149,000
Grant	2,800	2,800	11.0	11.0	30,800	1,500	1,400	10.3	11.0	15,400
Morton	2,200	2,200	15.5	15.5	34,100	1,800	1,700	12.3	13.0	22,100
Sioux	1,000	1,000	9.0	9.0	9,000	700	700	8.0	8.0	5,600
South Central	39,000	38,000	10.2	10.5	399,000	32,000	31,500	10.3	10.5	330,800
Dickey	9,000	8,300	10.1	11.0	91,300	5,400	5,300	8.8	9.0	47,700
LaMoure	21,000	20,000	16.2	17.0	339,800	20,000	19,500	11.3	11.6	226,100
Logan	15,500	15,000	9.7	10.0	150,000	11,500	11,400	8.9	9.0	102,600
McIntosh	30,500	29,000	8.6	9.0	261,000	19,500	19,400	9.0	9.0	174,600
Ransom	3,300	3,200	12.1	12.5	40,000	2,500	2,300	11.5	12.5	28,800
Richland	2,500	2,400	9.6	10.0	24,000	1,700	1,700	9.5	9.5	16,200
Sargent	4,200	4,100	8.8	9.0	36,900	2,400	2,400	10.0	10.0	24,000
Southeast	86,000	82,000	11.0	11.5	943,000	63,000	62,000	9.8	10.0	620,000
STATE	460,000	435,000	12.8	13.5	5,873,000	410,000	400,000	11.2	11.5	4,600,000

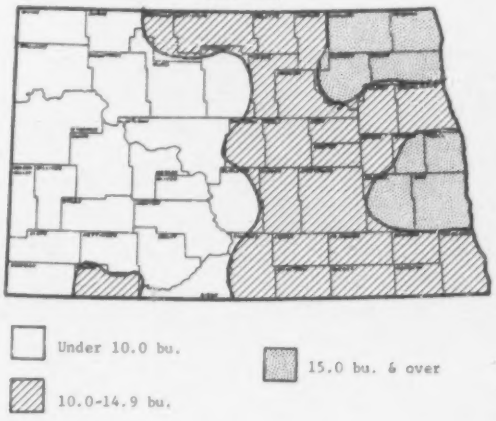
FLAXSEED: Acreage, Yield and Production by Counties, North Dakota, 1984 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	2,800	2,700	7.3	7.5	20,300
Divide	2,000	1,300	5.2	8.0	10,400
Mountrail	2,000	1,400	4.2	6.0	8,400
Renville	8,600	8,000	9.3	10.0	80,000
Ward	14,000	13,500	8.9	9.2	124,800
Williams	600	600	6.0	6.0	3,600
Northwest	30,000	27,500	8.3	9.0	247,500
Benson	17,000	17,000	11.0	11.0	187,000
Bottineau	14,500	13,200	9.6	10.5	138,600
McHenry	12,000	10,800	7.7	8.5	91,800
Pierce	16,500	16,500	10.8	10.8	178,900
Rolette	5,000	5,000	12.0	12.0	60,000
North Central	65,000	62,500	10.1	10.5	656,300
Cavalier	20,500	20,500	20.5	20.5	420,300
Grand Forks	3,000	3,000	14.0	14.0	42,000
Nelson	8,500	8,500	12.5	12.5	106,300
Pembina	3,000	3,000	22.5	22.5	67,500
Ramsey	18,500	18,000	16.1	16.5	297,000
Towner	20,500	20,000	14.3	14.7	293,000
Walsh	6,000	6,000	16.0	16.0	96,000
Northeast	80,000	79,000	16.5	16.7	1,322,100
Dunn	300	200	5.3	8.0	1,600
McKenzie	---	---	---	---	---
McLean	24,000	23,000	8.9	9.3	213,900
Mercer	4,500	4,500	7.5	7.5	33,800
Oliver	6,200	5,800	8.4	9.0	52,200
West Central	35,000	33,500	8.6	9.0	301,500
Eddy	4,200	4,200	8.5	8.5	35,700
Foster	4,800	4,700	12.7	13.0	61,100
Kidder	10,000	9,800	10.3	10.5	102,900
Sheridan	12,500	12,500	10.0	10.0	125,000
Stutsman	22,000	21,800	12.8	13.0	282,600
Wells	11,500	11,500	14.5	14.5	166,700
Central	65,000	64,500	11.9	12.0	774,000
Barnes	14,000	14,000	18.8	18.8	263,800
Cass	3,200	3,200	18.5	18.5	59,200
Griggs	3,600	3,600	10.5	10.5	37,800
Steele	3,500	3,500	17.5	17.5	61,300
Traill	700	700	22.0	22.0	15,400
East Central	25,000	25,000	17.5	17.5	437,500
Adams	1,200	1,100	9.7	10.5	11,600
Billings	400	400	5.0	5.0	2,000
Bowman	700	600	5.1	6.0	3,600
Golden Valley	200	200	5.0	5.0	1,000
Hettinger	1,700	1,500	8.0	9.1	13,600
Slope	300	300	8.0	8.0	2,400
Stark	1,500	1,400	8.4	9.0	12,600
Southwest	6,000	5,500	7.8	8.5	46,800
Burleigh	15,000	14,800	8.9	9.0	133,200
Emmons	14,500	14,500	12.7	12.7	183,900
Grant	900	800	7.6	8.5	6,800
Morton	2,800	2,700	8.2	8.5	23,000
Sioux	800	700	6.1	7.0	4,900
South Central	34,000	33,500	10.3	10.5	351,800
Dickey	5,200	4,900	12.3	13.0	63,700
LaMoure	17,000	17,000	14.4	14.4	244,800
Logan	12,500	12,200	11.7	12.0	146,400
McIntosh	19,000	19,000	10.5	10.5	199,500
Ransom	2,500	2,400	13.9	14.5	34,800
Richland	1,500	1,400	11.2	12.0	16,800
Sargent	2,300	2,100	13.7	15.0	31,500
Southeast	60,000	59,000	12.3	12.5	737,500
STATE	400,000	390,000	12.2	12.5	4,875,000

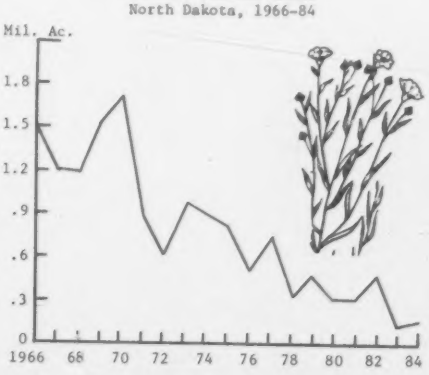
FLAXSEED, 1984 - Production by Counties, (Rank of First Ten Counties Shown)



FLAXSEED, 1984 - Yield per Harvested Acre (Bushels)



FLAXSEED PLANTED ACRES
North Dakota, 1966-84



CORN: Total Acreage Planted and Harvested; Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage by Counties, North Dakota, 1980 (Final) 1/

District and County	All Corn		Corn for Grain			Corn for Silage			Corn for Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Tons)	(Tons)	(Acres)
Burke	600	600	---	---	---	600	3.5	2,100	---
Divide	100	100	100	20.0	2,000	---	---	---	---
Mountrail	1,500	1,100	---	---	---	900	3.1	2,800	200
Renville	1,200	1,000	---	---	---	1,000	3.5	3,500	---
Ward	2,500	2,300	200	60.0	12,000	2,100	3.9	8,100	---
Williams	600	600	---	---	---	600	13.7	8,200	---
Northwest	6,500	5,700	300	46.7	14,000	5,200	4.8	24,700	200
Benson	4,200	4,200	1,000	77.5	77,500	2,900	4.8	13,800	300
Bottineau	2,000	2,000	100	30.0	3,000	1,900	4.5	8,600	---
McHenry	9,300	9,100	100	70.0	7,000	8,200	6.9	56,800	800
Pierce	6,100	6,000	200	30.0	6,000	5,800	7.1	41,200	---
Rolette	900	800	---	---	---	700	6.4	4,500	100
North Central	22,500	22,100	1,400	66.8	93,500	19,500	6.4	124,900	1,200
Cavalier	700	700	---	---	---	700	6.6	4,600	---
Grand Forks	12,500	11,900	3,800	51.4	195,500	8,000	6.3	50,500	100
Nelson	2,000	2,000	800	50.0	40,000	1,200	4.8	5,800	---
Pembina	5,300	5,200	2,600	40.0	104,000	2,200	6.5	14,200	400
Ramsey	1,000	1,000	---	---	---	1,000	5.0	5,000	---
Towner	1,000	1,000	900	30.0	27,000	100	5.0	500	---
Walsh	5,500	5,400	1,800	50.0	90,000	3,500	5.1	17,800	100
Northeast	28,000	27,200	9,900	46.1	456,500	16,700	5.9	98,400	600
Dunn	21,000	19,300	---	---	---	17,000	2.7	45,600	2,300
McKenzie	3,200	2,700	100	72.0	7,200	2,400	13.0	31,200	200
McLean	5,500	5,200	200	75.0	15,000	4,600	7.2	33,000	400
Mercer	13,000	12,800	---	---	---	10,500	4.4	45,700	2,300
Oliver	9,300	8,400	100	20.0	2,000	5,800	5.6	32,700	2,500
West Central	52,000	48,400	400	60.5	24,200	40,300	4.7	188,200	7,700
Eddy	5,000	5,000	300	74.3	22,300	4,700	6.8	32,100	---
Foster	7,600	7,600	200	60.0	12,000	7,400	7.5	55,800	---
Kidder	15,000	14,800	1,800	90.0	162,000	12,500	5.4	67,200	500
Sheridan	2,500	2,500	---	---	---	2,200	4.0	8,900	300
Stutsman	17,000	16,300	900	61.1	55,000	14,500	4.9	71,500	900
Wells	11,900	11,000	1,500	40.0	60,000	8,700	6.8	58,800	800
Central	59,000	57,200	4,700	66.2	311,300	50,000	5.9	294,300	2,500
Barnes	12,500	12,000	5,000	43.5	217,600	6,900	3.9	26,700	100
Cass	59,000	58,400	53,000	52.9	2,802,800	5,400	6.4	34,300	---
Griggs	5,000	4,900	1,900	64.7	122,900	3,000	8.6	25,800	---
Steele	4,500	4,400	3,300	66.0	217,900	1,000	9.5	9,500	100
Traill	4,000	3,500	2,800	64.5	180,500	700	7.1	5,000	---
East Central	85,000	83,200	66,000	53.7	3,541,700	17,000	6.0	101,300	200
Adams	9,000	4,500	---	---	---	1,000	1.3	1,300	3,500
Billings	2,000	1,400	---	---	---	1,400	2.5	3,500	---
Bowman	3,500	2,800	---	---	---	2,000	1.5	3,000	800
Golden Valley	2,500	1,900	500	80.0	40,000	100	18.0	1,800	1,300
Hettinger	4,000	2,300	---	---	---	1,300	3.0	3,900	1,000
Slope	2,500	1,900	---	---	---	1,500	2.3	3,500	400
Stark	13,500	10,400	200	57.0	11,400	9,200	2.1	19,200	1,000
Southwest	37,000	25,200	700	73.4	51,400	16,500	2.2	36,200	8,000
Burleigh	19,500	18,400	1,200	43.3	52,000	14,500	4.1	60,000	2,700
Emmons	32,500	24,700	200	20.0	4,000	18,500	2.1	38,500	6,000
Grant	22,500	18,500	400	38.5	15,400	15,500	2.0	31,300	2,600
Morton	30,000	28,000	300	44.0	13,200	27,000	3.3	90,100	700
Sioux	5,500	3,500	---	---	---	2,500	1.5	3,800	1,000
South Central	110,000	93,100	2,100	40.3	84,600	78,000	2.9	223,700	13,000
Dickey	45,000	44,000	17,500	62.1	1,087,100	25,000	3.5	87,700	1,500
LaMoure	23,500	23,100	5,500	42.1	231,300	17,500	4.2	74,000	100
Logan	10,000	9,800	800	30.8	24,600	8,400	3.6	30,200	600
McIntosh	12,000	11,600	200	31.0	6,200	10,400	2.1	21,600	1,000
Ransom	47,000	43,800	35,500	47.2	1,674,700	6,500	5.4	34,900	1,800
Richland	125,000	123,400	116,000	66.0	7,657,800	7,000	4.0	27,800	400
Sargent	37,500	37,200	29,000	53.8	1,561,100	8,000	4.3	34,100	200
Southeast	300,000	292,900	204,500	59.9	12,242,800	82,800	3.7	310,300	5,600
STATE	700,000	655,000	290,000	58.0	16,820,000	326,000	4.3	1,402,000	39,000

1/ See page 104 for irrigated acres.

CORN: Total Acreage Planted and Harvested; Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage by Counties, North Dakota, 1981 (Final) 1/

District and County	All Corn		Corn for Grain			Corn for Silage			Corn for Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Tons)	(Tons)	(Acres)
Burke	1,000	1,000	---	---	---	1,000	5.2	5,200	---
Divide	300	300	---	---	---	300	9.3	2,800	---
Mountrail	2,500	2,300	1,200	21.0	25,200	1,100	5.2	5,700	---
Renville	1,800	1,800	1,000	30.0	30,000	800	5.6	4,500	---
Ward	5,400	5,400	3,500	75.4	263,900	1,900	7.7	14,700	---
Williams	800	800	---	---	---	800	11.1	8,900	---
Northwest	11,800	11,600	5,700	56.0	319,100	5,900	7.1	41,800	---
Benson	7,300	7,200	3,700	82.8	306,200	3,200	9.0	28,700	300
Bottineau	3,800	3,800	1,000	33.0	33,000	2,800	6.0	16,800	---
McHenry	14,000	13,800	4,300	67.7	290,900	9,100	5.3	48,500	400
Pierce	8,800	8,800	800	71.4	57,100	8,000	7.0	56,300	---
Rolette	1,200	1,000	200	71.5	14,300	800	10.0	8,000	---
North Central	35,100	34,600	10,000	70.2	701,500	23,900	6.6	158,300	700
Cavalier	1,200	1,100	600	49.0	29,400	400	8.8	3,500	100
Grand Forks	21,700	21,600	18,200	82.8	1,507,600	3,300	7.8	25,800	100
Nelson	5,100	5,000	4,500	57.1	257,000	500	5.2	2,600	---
Pembina	17,400	17,200	15,300	74.0	1,132,200	1,800	8.9	16,000	100
Ramsey	1,900	1,900	1,400	67.0	93,800	500	5.4	2,700	---
Towner	1,500	1,500	500	60.0	30,000	900	9.3	8,400	100
Walsh	13,300	13,200	9,700	76.2	739,500	3,400	6.2	21,100	100
Northeast	62,100	61,500	50,200	75.5	3,789,500	10,800	7.4	80,100	500
Dunn	20,500	20,300	100	18.0	1,800	19,200	5.2	99,300	1,000
McKenzie	3,500	3,400	1,300	64.6	84,000	2,000	15.2	30,300	100
McLean	7,300	7,200	2,100	57.2	120,100	5,000	9.5	47,600	100
Mercer	11,900	11,700	1,100	45.1	49,600	10,500	5.5	58,100	100
Oliver	10,800	10,600	200	30.0	6,000	8,900	8.2	73,400	1,500
West Central	54,000	53,200	4,800	54.5	261,500	45,600	6.8	308,700	2,800
Eddy	6,500	6,500	2,500	77.2	193,100	4,000	7.6	30,200	---
Foster	10,500	10,500	5,600	84.1	470,900	4,900	9.3	45,600	---
Kidder	20,700	20,600	5,700	112.7	642,500	14,700	6.5	95,100	200
Sheridan	4,500	4,500	500	75.0	37,500	4,000	5.9	23,400	---
Stutsman	24,900	24,800	13,100	65.9	863,600	11,700	8.9	104,400	---
Wells	11,900	11,700	5,200	84.0	436,800	6,300	8.6	54,100	200
Central	79,000	78,600	32,600	81.1	2,644,400	45,600	7.7	352,800	400
Barnes	23,200	23,200	16,800	69.5	1,167,000	6,300	9.2	58,000	100
Cass	76,200	76,200	69,000	83.0	5,726,600	7,200	10.9	78,200	---
Griggs	7,000	7,000	2,500	72.8	182,000	4,500	9.2	41,600	---
Steele	7,300	7,300	6,300	96.7	608,900	1,000	7.1	7,100	---
Traill	5,300	5,300	4,400	93.4	411,100	900	13.4	12,100	---
East Central	119,000	119,000	99,000	81.8	8,095,600	19,900	9.9	197,000	100
Adams	10,600	10,400	---	---	---	9,400	4.2	39,800	1,000
Billings	1,400	1,300	---	---	---	1,000	3.1	3,100	300
Bowman	4,100	4,100	---	---	---	3,800	4.9	18,500	300
Golden Valley	1,700	1,300	100	39.0	3,900	900	8.4	7,600	300
Hettinger	4,700	4,600	---	---	---	4,200	4.8	20,000	400
Slope	2,600	2,600	---	---	---	2,400	7.3	17,600	200
Stark	13,900	13,400	---	---	---	12,800	4.8	60,900	600
Southwest	39,000	37,700	100	39.0	3,900	34,500	4.9	167,500	3,100
Burleigh	23,000	22,800	2,300	77.6	178,500	19,200	8.0	152,900	1,300
Emmons	34,900	34,700	7,300	67.7	493,900	26,900	7.4	200,000	500
Grant	27,800	27,600	6,700	38.3	256,300	19,500	6.2	121,400	1,400
Morton	34,500	34,300	2,500	36.1	90,200	30,400	7.4	224,500	1,400
Sioux	6,800	6,700	---	---	---	6,500	5.4	34,800	200
South Central	127,000	126,100	18,800	54.2	1,018,900	102,500	7.2	733,600	4,800
Dickey	51,500	50,500	33,000	77.3	2,551,400	17,100	8.9	151,400	400
LaMoure	30,000	29,900	14,800	63.9	945,600	15,100	8.6	129,200	---
Logan	15,000	14,800	2,400	52.7	126,400	12,000	7.0	83,400	400
McIntosh	13,800	13,700	1,600	55.0	88,000	12,000	7.9	94,300	100
Ransom	60,000	59,800	53,000	86.5	4,583,800	6,700	10.0	67,200	100
Richland	158,000	157,300	151,000	91.0	13,745,100	5,800	8.0	46,200	500
Sargent	44,700	44,700	36,000	74.4	2,678,300	8,600	7.0	60,500	100
Southeast	373,000	370,700	291,800	84.7	24,718,600	77,300	8.2	632,200	1,600
STATE	900,000	893,000	513,000	81.0	41,553,000	[illegible],000	7.3	2,672,000	14,000

1/ See page 104 for irrigated acres.

CORN: Total Acreage Planted and Harvested; Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage by Counties, North Dakota, 1982 (Final) 1/

District and County	All Corn		Corn for Grain			Corn for Silage			Corn for Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Tons)	(Tons)	(Acres)
Burke	1,500	1,500	---	---	---	1,500	5.8	8,700	---
Divide	500	400	100	40.0	4,000	300	9.7	2,900	---
Mountrail	3,500	3,400	1,000	50.0	50,000	2,200	5.8	12,700	200
Renville	2,000	1,900	400	45.0	18,000	1,400	7.6	10,700	100
Ward	6,000	5,900	3,500	45.3	158,400	2,400	5.8	14,000	---
Williams	1,500	1,400	500	50.0	25,000	900	16.7	15,000	---
Northwest	15,000	14,500	5,500	46.4	255,400	8,700	7.4	64,000	300
Benson	9,000	8,900	5,100	66.5	339,000	3,600	6.9	24,900	200
Bottineau	3,000	3,000	800	35.0	28,000	2,200	7.2	15,900	---
McHenry	11,500	11,200	4,300	50.4	216,800	6,800	8.5	57,800	100
Pierce	6,500	6,400	1,300	45.8	59,600	5,100	10.2	51,900	---
Rolette	2,000	2,000	500	60.0	30,000	1,500	9.8	14,700	---
North Central	32,000	31,500	12,000	56.1	673,400	19,200	8.6	165,200	300
Cavalier	1,000	900	800	70.0	56,000	100	6.0	600	---
Grand Forks	23,000	22,900	20,500	65.9	1,350,500	2,300	6.1	14,000	100
Nelson	5,000	4,900	3,600	46.7	168,000	1,300	9.0	11,700	---
Pembina	15,500	15,400	13,000	51.0	663,000	2,300	10.1	23,200	100
Ramsey	1,500	1,400	1,000	50.0	50,000	400	4.8	1,900	---
Towner	1,500	1,500	1,100	40.0	44,000	400	7.8	3,100	---
Walsh	10,500	10,400	7,000	48.0	336,000	3,300	7.3	24,100	100
Northeast	58,000	57,400	47,000	56.8	2,667,500	10,100	7.8	78,600	300
Dunn	17,000	16,700	500	50.0	25,000	15,800	5.3	84,200	400
McKenzie	3,000	2,900	500	50.0	25,000	2,100	15.9	33,400	300
McLean	9,000	8,700	3,500	61.4	214,900	5,000	8.6	43,000	200
Mercer	13,500	13,300	3,800	57.7	219,400	9,200	5.4	49,400	300
Oliver	17,500	17,400	2,700	50.0	135,000	13,900	8.1	112,100	800
West Central	60,000	59,000	11,000	56.3	619,300	46,000	7.0	322,100	2,000
Eddy	7,000	6,900	2,700	45.8	123,600	4,000	7.7	30,600	200
Foster	9,500	9,400	3,900	49.8	189,200	5,600	6.8	38,000	---
Kidder	19,000	18,900	6,100	91.3	557,000	12,600	7.0	88,500	200
Sheridan	4,000	3,900	1,600	50.6	81,000	2,200	5.9	13,000	100
Stutsman	26,000	25,900	8,800	55.2	486,100	17,100	6.7	115,300	---
Wells	11,500	11,000	7,000	44.0	308,000	3,800	7.4	28,300	200
Central	77,000	76,000	30,000	58.2	1,744,900	45,300	6.9	313,700	700
Barnes	22,000	21,900	15,000	53.5	802,400	6,200	5.1	31,900	700
Cass	81,000	80,900	76,000	69.4	5,275,600	4,700	7.7	36,000	200
Griggs	7,000	6,900	2,500	52.5	131,300	4,300	6.4	27,700	100
Steele	8,000	7,900	7,500	84.2	631,600	400	9.3	3,700	---
Traill	8,000	7,900	7,000	91.1	638,000	900	10.2	9,200	---
East Central	126,000	125,500	108,000	69.2	7,478,900	16,500	6.6	108,500	1,000
Adams	9,000	8,900	400	60.0	24,000	8,100	4.9	39,900	400
Billings	1,300	1,200	---	---	---	1,100	3.2	3,500	100
Bowman	2,500	2,400	---	---	---	2,300	4.3	9,800	100
Golden Valley	1,500	1,400	500	45.0	22,500	800	8.1	6,500	100
Hettinger	4,500	4,400	600	50.0	30,000	3,400	3.2	11,000	400
Slope	2,200	2,100	---	---	---	2,000	6.5	13,000	100
Stark	11,000	10,800	1,500	35.0	52,500	9,000	5.6	50,100	300
Southwest	32,000	31,200	3,000	43.0	129,000	26,700	5.0	133,800	1,500
Burleigh	17,000	16,800	4,000	55.0	220,000	12,100	6.1	74,000	700
Emmons	30,000	29,400	3,000	76.0	228,000	25,300	4.6	117,400	1,100
Grant	25,000	24,300	2,500	55.1	137,700	20,700	6.2	127,900	1,100
Morton	33,000	32,600	4,000	52.2	208,800	27,600	6.2	172,100	1,000
Sioux	5,000	4,400	---	---	---	4,300	4.2	17,900	100
South Central	110,000	107,500	13,500	58.9	794,500	90,000	5.7	509,300	4,000
Dickey	51,000	50,500	28,500	73.1	2,082,300	21,200	4.4	93,000	800
LaMoure	32,000	31,900	23,000	61.6	1,417,500	8,900	7.7	68,800	---
Logan	13,000	12,900	1,000	54.0	54,000	11,600	4.3	49,400	300
McIntosh	10,000	9,900	500	35.0	17,500	9,000	4.1	36,800	400
Ransom	62,000	61,200	52,000	80.8	4,201,500	9,100	8.7	78,800	100
Richland	166,000	165,200	155,000	75.3	11,663,800	10,000	7.0	70,200	200
Sargent	46,000	45,800	30,000	52.0	1,560,500	15,700	4.2	65,800	100
Southeast	380,000	377,400	290,000	72.4	20,997,100	85,500	5.4	462,800	1,900
STATE	890,000	880,000	520,000	68.0	35,360,000	348,000	6.2	2,158,000	12,000

1/ See page 104 for irrigated acres.

CORN: Total Acreage Planted and Harvested; Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage by Counties, North Dakota, 1983 (Revised) 1/

District and County	All Corn		Corn for Grain			Corn for Silage			Corn for Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Tons)	(Tons)	(Acres)
Burke	900	900	---	---	---	900	5.1	4,600	---
Divide	600	600	200	25.0	5,000	300	15.3	4,600	100
Mountrail	1,800	1,700	100	25.0	2,500	1,600	6.1	9,800	---
Renville	1,600	1,600	400	33.0	13,200	1,200	6.1	7,300	---
Ward	4,300	4,300	1,300	58.0	75,400	3,000	7.2	21,700	---
Williams	1,300	1,300	300	40.0	12,000	1,000	9.6	9,600	---
Northwest	10,500	10,400	2,300	47.0	108,100	8,000	7.2	57,600	100
Benson	10,500	10,200	5,000	44.5	222,400	5,100	6.3	32,100	100
Bottineau	1,800	1,700	1,300	50.0	65,000	400	8.3	3,300	---
McHenry	11,000	11,000	4,000	45.0	180,000	6,900	6.9	47,600	100
Pierce	6,000	5,900	4,700	42.0	197,400	1,200	5.7	6,800	---
Rolette	1,700	1,700	600	49.0	29,400	1,100	7.9	8,700	---
North Central	31,000	30,500	15,600	44.5	694,200	14,700	6.7	98,500	200
Cavalier	1,000	1,000	800	41.0	32,800	100	9.0	900	100
Grand Forks	18,000	15,600	13,500	61.0	823,700	2,100	6.3	13,200	---
Nelson	5,000	4,600	2,600	60.0	156,000	2,000	10.1	20,200	---
Pembina	10,500	9,600	8,000	59.0	472,000	1,600	13.2	21,100	---
Ramsey	1,900	1,800	1,300	46.0	59,800	500	6.2	3,100	---
Towner	1,300	1,300	800	36.0	28,800	500	8.2	4,100	---
Walsh	9,300	9,300	7,100	57.0	404,700	2,100	9.2	19,300	100
Northeast	47,000	43,200	34,100	58.0	1,977,800	8,900	9.2	81,900	200
Dunn	12,500	12,200	1,300	50.0	65,000	10,200	5.3	54,300	700
McKenzie	2,400	2,200	700	58.0	40,600	1,400	15.4	21,600	100
McLean	12,500	12,500	8,000	47.0	376,000	4,300	7.2	31,000	200
Mercer	9,400	9,300	1,600	52.0	83,200	7,100	6.2	44,000	600
Oliver	9,200	9,200	3,900	51.9	202,500	4,600	10.4	47,800	700
West Central	46,000	45,400	15,500	49.5	767,300	27,600	7.2	198,700	2,300
Eddy	7,800	7,800	4,100	63.0	258,300	3,700	6.2	22,900	---
Foster	7,100	7,100	2,600	64.0	166,400	4,500	4.7	21,200	---
Kidder	12,500	12,400	3,200	93.0	297,600	8,900	7.5	66,800	300
Sheridan	4,600	4,600	300	42.0	12,600	4,000	5.2	20,800	300
Stutsman	26,000	25,100	11,100	44.0	483,400	14,000	6.4	89,300	---
Wells	14,000	13,600	9,100	61.0	555,100	4,500	7.2	32,400	---
Central	72,000	70,600	30,400	58.5	1,778,400	39,600	6.4	253,400	600
Barnes	18,500	18,500	12,100	57.0	689,700	6,300	5.7	35,900	100
Cass	57,000	56,900	52,200	75.6	3,945,200	4,500	8.2	36,900	200
Griggs	4,400	4,400	1,600	70.0	112,000	2,600	7.9	20,500	200
Steele	5,900	5,900	5,100	79.0	402,900	800	9.3	7,400	---
Traill	7,200	7,100	5,500	86.0	473,000	1,600	5.2	8,300	---
East Central	93,000	92,800	76,500	73.5	5,622,800	15,800	6.9	109,000	500
Adams	7,900	7,900	1,800	40.0	72,000	4,100	5.2	21,300	2,000
Billings	1,300	1,300	---	---	---	900	5.6	5,000	400
Bowman	3,400	3,300	300	35.0	10,500	2,700	4.7	12,700	300
Golden Valley	1,000	900	400	47.5	19,000	200	10.0	2,000	300
Hettinger	12,500	12,400	9,700	43.1	418,500	2,400	5.2	12,500	300
Slope	2,400	2,300	---	---	---	2,200	5.6	12,300	100
Stark	15,000	15,000	3,800	40.0	152,000	11,000	4.7	51,700	200
Southwest	43,500	43,100	16,000	42.0	672,000	23,500	5.0	117,500	3,600
Burleigh	13,500	13,400	3,600	40.5	145,800	9,500	6.6	62,700	300
Emmons	25,000	24,900	4,800	55.0	264,000	19,800	5.3	104,900	300
Grant	23,500	23,300	8,400	51.1	429,600	14,100	5.1	71,900	800
Morton	30,500	28,700	7,200	50.5	363,600	20,900	6.1	127,500	600
Sioux	4,500	4,500	500	44.0	22,000	3,600	5.6	20,200	400
South Central	97,000	94,800	24,500	50.0	1,225,000	67,900	5.7	387,200	2,400
Dickey	39,000	38,700	27,500	59.0	1,622,500	11,100	5.7	63,300	100
LaMoure	29,000	27,900	18,500	51.0	943,500	9,000	5.3	47,700	400
Logan	10,500	10,500	4,000	45.0	180,000	6,300	5.1	32,100	200
McIntosh	9,000	9,000	3,000	41.0	123,000	6,000	5.2	31,200	---
Ransom	42,500	41,600	31,500	75.0	2,362,500	10,000	6.4	64,000	100
Richland	115,000	114,800	107,700	85.4	9,198,600	6,900	8.7	60,000	200
Sargent	35,000	34,700	27,900	67.0	1,869,300	6,700	7.3	48,900	100
Southeast	280,000	277,200	220,100	74.1	16,299,400	56,000	6.2	347,200	1,100
STATE	720,000	708,000	435,000	67.0	29,145,000	262,000	6.3	1,651,000	11,000

1/ See page 104 for irrigated acres.

CORN: Total Acreage Planted and Harvested; Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage by Counties, North Dakota, 1984 (Preliminary) 1/

District and County	All Corn		Corn for Grain			Corn for Silage			Corn for Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Tons)	(Tons)	(Acres)
Burke	900	900	---	---	---	900	5.7	5,100	---
Divide	600	600	---	---	---	600	7.3	4,400	---
Mountrail	2,000	1,900	500	30.0	15,000	1,200	3.6	4,300	200
Renville	1,500	1,400	500	30.0	15,000	900	2.1	1,900	---
Ward	5,100	5,000	1,600	42.7	68,300	3,200	6.1	19,600	200
Williams	900	900	100	29.0	2,900	600	5.5	3,300	200
Northwest	11,000	10,700	2,700	37.5	101,200	7,400	5.2	38,600	600
Benson	14,700	14,600	10,500	50.0	525,300	4,100	5.1	21,100	---
Bottineau	2,200	2,200	1,300	29.5	38,400	900	6.2	5,600	---
McHenry	15,000	15,000	6,400	40.2	257,300	8,100	5.4	43,900	500
Pierce	7,700	7,500	1,900	36.5	69,400	5,300	6.4	34,100	300
Rolette	2,400	2,400	500	32.0	16,000	1,900	5.3	10,100	---
North Central	42,000	41,700	20,600	44.0	906,400	20,300	5.7	114,800	800
Cavalier	700	700	400	47.0	18,800	200	12.5	2,500	100
Grand Forks	23,000	22,900	20,100	60.2	1,209,300	2,600	4.7	12,100	200
Nelson	5,800	5,800	3,100	65.5	203,000	2,600	6.5	17,000	100
Pembina	11,600	11,600	9,200	59.0	542,800	2,400	14.0	33,500	---
Ramsey	3,300	3,300	1,400	44.5	62,300	1,800	5.7	10,200	100
Towner	2,100	2,000	900	35.0	31,500	1,000	9.8	9,800	100
Walsh	9,500	9,500	6,400	53.0	339,200	3,000	5.1	15,400	100
Northeast	56,000	55,800	41,500	58.0	2,407,000	13,600	7.4	100,500	700
Dunn	16,500	16,200	600	44.0	26,400	15,100	4.7	71,400	500
McKenzie	2,700	2,700	200	101.0	20,200	2,500	10.6	26,400	---
McLean	12,000	11,900	5,800	55.5	322,000	5,900	7.6	45,100	200
Mercer	11,000	11,000	200	80.5	16,100	10,100	5.8	58,500	700
Oliver	9,800	9,800	1,000	36.5	36,500	7,900	5.2	41,300	900
West Central	52,000	51,600	7,800	54.0	421,200	41,500	5.8	242,700	2,300
Eddy	9,900	9,800	3,200	57.5	184,000	6,600	5.3	35,100	---
Foster	9,900	9,900	5,200	60.0	312,000	4,500	6.2	27,900	200
Kidder	18,500	17,800	5,700	82.5	470,300	11,500	5.3	61,400	600
Sheridan	5,200	5,200	800	41.0	32,800	4,300	3.7	16,100	100
Stutsman	31,000	30,900	14,100	49.0	690,900	15,800	6.7	105,700	1,000
Wells	22,500	22,400	15,700	39.0	612,000	6,700	5.2	34,600	---
Central	97,000	96,000	44,700	51.5	2,302,000	49,400	5.7	280,800	1,900
Barnes	26,500	26,500	20,900	44.5	930,100	5,600	6.3	35,100	---
Cass	88,000	87,900	83,900	66.9	5,610,400	4,000	8.3	33,000	---
Griggs	6,000	6,000	3,000	58.5	175,400	3,000	10.3	31,000	---
Steele	10,500	10,500	10,000	60.5	605,000	500	6.2	3,100	---
Traill	14,000	14,000	13,200	85.5	1,128,600	800	9.0	7,200	---
East Central	145,000	144,900	131,000	64.5	8,449,500	13,900	7.9	109,400	---
Adams	9,300	9,300	1,800	32.5	58,500	6,100	5.2	31,500	1,400
Billings	1,600	1,500	300	32.0	9,600	700	3.1	2,200	500
Bowman	3,000	2,900	100	36.0	3,600	2,800	5.1	14,400	---
Golden Valley	1,400	1,300	500	64.0	32,000	300	3.0	900	500
Hettinger	12,600	12,600	7,500	42.4	317,700	5,100	4.1	21,100	---
Slope	3,100	3,100	500	42.0	21,000	2,600	4.7	12,100	---
Stark	11,000	11,000	1,800	35.5	63,900	9,200	5.2	48,200	---
Southwest	42,000	41,700	12,500	40.5	506,300	26,800	4.9	130,400	2,400
Burleigh	17,500	17,500	3,200	40.0	128,000	13,100	6.7	88,400	1,200
Emmons	29,000	28,900	5,500	77.2	424,400	23,200	5.7	133,200	200
Grant	27,000	27,000	8,200	45.0	369,000	17,900	4.2	76,000	900
Morton	36,000	35,900	6,100	41.0	250,100	29,300	5.5	161,500	500
Sioux	5,500	5,300	800	38.0	30,400	4,400	5.1	22,300	100
South Central	115,000	114,600	23,800	50.5	1,201,900	87,900	5.5	481,400	2,900
Dickey	57,000	56,900	46,200	62.5	2,887,500	10,200	6.3	64,700	500
LaMoure	39,000	39,000	29,100	51.5	1,498,700	9,900	5.8	57,200	---
Logan	12,500	12,300	2,600	49.5	128,700	9,200	6.0	54,800	500
McIntosh	10,500	10,500	1,400	48.0	67,200	9,000	6.2	55,800	100
Ransom	64,000	64,000	55,200	72.0	3,974,400	8,700	5.6	49,000	100
Richland	178,000	177,500	169,500	81.7	13,850,700	7,800	7.2	56,400	200
Sargent	49,000	48,800	41,400	69.5	2,877,300	7,400	4.9	36,500	---
Southeast	410,000	409,000	345,400	73.2	25,284,500	62,200	6.0	374,400	1,400
STATE	970,000	966,000	630,000	66.0	41,580,000	323,000	5.8	1,873,000	13,000

1/ See page 104 for irrigated acres.

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay
by Counties, North Dakota, 1979 (Final)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	13,500	1.45	19,600	16,000	1.55	24,500	29,500	1.50	44,100
Divide	17,500	1.90	33,300	13,500	1.25	16,900	31,000	1.60	50,200
Mountrail	39,500	1.55	61,200	49,500	1.40	69,300	89,000	1.50	130,500
Renville	10,000	1.65	16,500	8,000	1.55	12,400	18,000	1.60	28,900
Ward	41,000	1.80	73,800	39,000	1.65	64,400	80,000	1.70	138,200
Williams	38,500	1.75	67,400	19,000	1.20	22,800	57,500	1.55	90,200
Northwest	160,000	1.70	271,800	145,000	1.45	210,300	305,000	1.60	482,100
Benson	22,000	2.55	56,100	30,500	1.55	47,300	52,500	2.00	103,400
Bottineau	23,500	1.70	40,000	33,500	1.40	46,900	57,000	1.50	86,900
McHenry	63,000	1.80	114,500	110,000	1.40	154,400	173,000	1.55	268,900
Pierce	23,500	2.05	48,200	41,500	1.15	47,700	65,000	1.50	95,900
Rolette	23,000	2.25	51,800	24,500	1.40	34,300	47,500	1.80	86,100
North Central	155,000	2.00	310,600	240,000	1.40	330,600	395,000	1.60	641,200
Cavalier	5,400	2.20	11,900	8,900	1.65	14,700	14,300	1.85	26,600
Grand Forks	16,000	2.30	36,800	8,300	1.70	14,100	24,300	2.10	50,900
Nelson	10,500	1.65	17,300	20,000	1.30	26,000	30,500	1.40	43,300
Pembina	10,000	2.20	22,100	6,000	1.30	7,800	16,000	1.85	29,900
Ramsey	4,800	1.80	8,600	11,000	1.70	18,700	15,800	1.70	27,300
Towner	3,300	2.15	7,100	9,800	1.60	15,700	13,100	1.75	22,800
Walsh	11,000	2.50	27,500	19,000	1.65	31,700	30,000	1.95	59,200
Northeast	61,000	2.15	131,300	83,000	1.55	128,700	144,000	1.80	260,000
Dunn	86,000	1.35	117,000	35,500	1.20	42,600	121,500	1.30	159,600
McKenzie	53,000	1.75	92,800	31,000	1.10	34,100	84,000	1.50	126,900
McLean	34,000	2.40	81,600	50,000	1.60	80,500	84,000	1.90	162,100
Mercer	39,000	1.50	58,500	24,500	1.10	27,000	63,500	1.35	85,500
Oliver	38,000	1.95	74,100	19,000	1.25	23,800	57,000	1.70	97,900
West Central	250,000	1.70	424,000	160,000	1.30	208,000	410,000	1.55	632,000
Eddy	30,000	1.80	54,000	17,500	1.30	22,800	47,500	1.60	76,800
Foster	20,000	2.00	40,000	8,500	1.35	11,500	28,500	1.80	51,500
Kidder	110,000	1.40	154,000	60,000	1.10	66,600	170,000	1.30	220,600
Sheridan	12,000	1.85	22,200	26,000	1.50	39,000	38,000	1.60	61,200
Stutsman	65,000	2.20	143,000	37,500	1.45	54,400	102,500	1.90	197,400
Wells	13,000	1.90	24,700	30,500	1.30	39,700	43,500	1.50	64,400
Central	250,000	1.75	437,900	180,000	1.30	234,000	430,000	1.55	671,900
Barnes	25,000	2.80	70,000	19,000	1.55	29,200	44,000	2.25	99,200
Cass	21,000	2.95	62,000	6,000	1.50	9,000	27,000	2.60	71,000
Griggs	23,000	2.30	52,900	13,000	1.60	20,800	36,000	2.05	73,700
Steele	6,400	3.45	22,100	5,400	1.50	8,100	11,800	2.55	30,200
Traill	8,600	3.80	32,700	3,600	1.60	5,800	12,200	3.15	38,500
East Central	84,000	2.85	239,700	47,000	1.55	72,900	131,000	2.40	312,600
Adams	42,500	1.20	51,000	20,000	.95	19,400	62,500	1.15	70,400
Billings	20,000	1.15	23,000	14,000	.80	11,200	34,000	1.00	34,200
Bowman	44,000	1.15	50,400	14,000	.90	12,600	58,000	1.10	63,000
Golden Valley	17,500	1.50	26,300	11,500	.85	9,800	29,000	1.25	36,100
Hettinger	41,500	1.45	60,200	9,500	1.25	11,900	51,000	1.40	72,100
Slope	28,000	1.25	35,000	11,500	.65	7,500	39,500	1.10	42,500
Stark	66,500	1.40	93,100	29,500	.90	26,600	96,000	1.25	119,700
Southwest	260,000	1.30	339,000	110,000	.90	99,000	370,000	1.20	438,000
Burleigh	75,000	2.05	153,500	46,500	1.15	54,600	121,500	1.70	208,100
Emmons	63,000	2.00	126,000	49,000	1.20	58,800	112,000	1.65	184,800
Grant	84,000	1.65	138,600	32,000	1.15	36,800	116,000	1.50	175,400
Morton	94,000	1.80	169,200	55,000	1.25	68,800	149,000	1.60	238,000
Sioux	44,000	1.35	59,400	12,500	1.20	15,000	56,500	1.30	74,400
South Central	360,000	1.80	646,700	195,000	1.20	234,000	555,000	1.60	880,700
Dickey	56,000	2.10	117,600	22,500	1.25	28,100	78,500	1.85	145,700
LaMoure	36,500	2.35	85,800	18,000	1.30	23,400	54,500	2.00	109,200
Logan	52,000	1.75	91,000	53,000	1.20	63,600	105,000	1.45	154,600
McIntosh	44,500	2.15	95,700	35,000	1.35	47,300	79,500	1.80	143,000
Ransom	25,500	2.90	74,000	22,000	1.10	24,700	47,500	2.10	98,700
Richland	24,000	3.10	74,400	21,000	1.25	26,300	45,000	2.25	100,700
Sargent	31,500	2.65	83,500	18,500	1.30	24,100	50,000	2.15	107,600
Southeast	270,000	2.30	622,000	190,000	1.25	237,500	460,000	1.85	859,500
STATE	1,850,000	1.85	3,423,000	1,350,000	1.30	1,755,000	3,200,000	1.62	5,178,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay
by Counties, North Dakota, 1980 (Final)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	5,000	.85	4,300	18,500	1.15	21,300	23,500	1.10	25,600
Divide	3,000	.70	2,100	18,000	1.15	20,700	21,000	1.10	22,800
Mountrail	21,500	.90	19,400	39,000	.90	35,200	60,500	.90	54,600
Renville	9,500	.50	4,800	4,000	1.30	5,200	13,500	.75	10,000
Ward	28,500	.60	17,100	38,000	.80	30,500	66,500	.70	47,600
Williams	21,500	1.50	32,300	12,500	.85	10,600	34,000	1.25	42,900
Northwest	89,000	.90	80,000	130,000	.95	123,500	219,000	.95	203,500
Benson	20,000	1.15	23,000	28,000	1.15	32,300	48,000	1.15	55,300
Bottineau	19,000	.75	14,300	32,000	.85	27,200	51,000	.80	41,500
McHenry	60,000	1.15	69,000	74,000	.85	63,000	134,000	1.00	132,000
Pierce	19,500	1.05	20,500	30,000	.80	24,000	49,500	.90	44,500
Rolette	24,500	.95	23,200	21,000	.95	20,000	45,500	.95	43,200
North Central	143,000	1.05	150,000	185,000	.90	166,500	328,000	.95	316,500
Cavalier	5,900	.95	5,600	13,500	1.50	20,300	19,400	1.35	25,900
Grand Forks	15,000	1.00	15,000	9,000	.65	5,900	24,000	.90	20,900
Nelson	11,000	.65	7,200	19,500	1.20	23,200	30,500	1.00	30,400
Pembina	7,400	2.00	14,800	5,000	1.05	5,300	12,400	1.60	20,100
Ramsey	3,900	1.35	5,300	12,000	1.30	15,600	15,900	1.30	20,900
Towner	3,000	.95	2,900	11,500	1.35	15,500	14,500	1.25	18,400
Walsh	7,800	1.10	8,400	12,500	1.10	13,800	20,300	1.10	22,200
Northeast	54,000	1.10	59,200	83,000	1.20	99,600	137,000	1.15	158,800
Dunn	40,000	.35	14,000	35,500	.50	17,800	75,500	.40	31,800
McKenzie	19,000	1.40	26,600	34,500	.40	13,800	53,500	.75	40,400
McLean	21,000	.75	15,800	50,000	1.05	52,900	71,000	.95	68,700
Mercer	25,500	1.35	34,400	20,000	1.15	23,000	45,500	1.25	57,400
Oliver	27,500	.80	22,000	25,000	.65	16,300	52,500	.75	38,300
West Central	133,000	.85	112,800	165,000	.75	123,800	298,000	.80	236,600
Eddy	31,500	1.30	40,900	15,500	.95	14,700	47,000	1.20	55,600
Foster	19,000	1.15	21,900	10,500	1.20	12,600	29,500	1.15	34,500
Kidder	77,500	.70	54,300	73,000	.70	51,100	150,500	.70	105,400
Sheridan	9,500	1.15	10,900	26,000	1.30	33,800	35,500	1.25	44,700
Stutsman	61,000	.90	54,900	48,000	1.10	52,800	109,000	1.00	107,700
Wells	11,500	1.40	16,100	22,000	.95	20,900	33,500	1.10	37,000
Central	210,000	.95	199,000	195,000	.95	185,900	405,000	.95	384,900
Barnes	21,000	1.15	24,100	23,000	1.10	25,300	44,000	1.10	49,400
Cass	19,000	1.90	36,100	6,500	.85	5,600	25,500	1.65	41,700
Griggs	18,000	1.50	27,000	16,000	1.15	18,400	34,000	1.35	45,400
Steele	5,000	1.60	8,000	5,800	.95	5,500	10,800	1.25	13,500
Traill	7,000	1.90	13,300	5,700	.90	5,100	12,700	1.45	18,400
East Central	70,000	1.55	108,500	57,000	1.05	59,900	127,000	1.35	168,400
Adams	14,000	.45	6,300	18,500	.35	6,500	32,500	.40	12,800
Billings	5,800	.70	4,100	8,000	.70	5,600	13,800	.70	9,700
Bowman	17,500	.95	16,600	17,000	.60	10,200	34,500	.80	26,800
Golden Valley	9,700	.50	4,900	11,500	.40	4,600	21,200	.45	9,500
Hettinger	23,500	.50	11,800	12,000	.65	7,800	35,500	.55	19,600
Slope	11,000	.45	4,900	9,500	.45	4,300	20,500	.45	9,200
Stark	21,500	.60	12,900	28,500	.65	18,800	50,000	.65	31,700
Southwest	103,000	.60	61,500	105,000	.55	57,800	208,000	.55	119,300
Burleigh	50,000	1.35	67,500	47,500	.75	35,600	97,500	1.05	103,100
Emmons	27,000	.40	10,800	56,500	.50	28,300	83,500	.45	39,100
Grant	49,500	.55	27,200	39,000	.65	24,800	88,500	.60	52,000
Morton	41,500	.70	29,700	59,000	.55	32,500	100,500	.60	62,200
Sioux	25,000	.35	8,800	8,000	.60	4,800	33,000	.40	13,600
South Central	193,000	.75	144,000	210,000	.60	126,000	403,000	.65	270,000
Dickey	49,000	.85	41,800	21,000	1.05	22,100	70,000	.90	63,900
LaMoure	28,000	.90	25,200	16,000	1.40	22,400	44,000	1.10	47,600
Logan	35,000	.55	19,300	41,000	.80	32,900	76,000	.70	52,200
McIntosh	24,500	.45	11,000	36,500	.85	31,000	61,000	.70	42,000
Ransom	25,500	1.50	38,300	22,000	1.05	23,100	47,500	1.30	61,400
Richland	16,500	2.45	40,400	18,000	.90	16,200	34,500	1.65	56,600
Sargent	26,500	1.85	49,000	15,500	.90	14,300	42,000	1.50	63,300
Southeast	205,000	1.10	225,000	170,000	.95	162,000	375,000	1.05	387,000
STATE	1,200,000	.95	1,140,000	1,300,000	.85	1,105,000	2,500,000	.90	2,245,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay
by Counties, North Dakota, 1981 (Final)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	11,000	1.00	11,000	19,000	1.30	24,700	30,000	1.20	35,700
Divide	12,000	1.10	13,200	13,500	1.45	19,600	25,500	1.30	32,800
Mountrail	32,000	1.20	38,400	40,000	1.35	53,800	72,000	1.30	92,200
Renville	11,000	1.15	12,700	4,500	1.35	6,100	15,500	1.20	18,800
Ward	39,000	1.70	66,200	28,000	1.35	37,800	67,000	1.55	104,000
Williams	30,000	1.35	40,500	20,000	1.00	20,000	50,000	1.20	60,500
Northwest	135,000	1.35	182,000	125,000	1.30	162,000	260,000	1.30	344,000
Benson	21,000	2.30	48,400	28,000	1.55	43,500	49,000	1.90	91,900
Bottineau	34,000	1.70	57,900	31,500	1.35	42,600	65,500	1.55	100,500
McHenry	56,000	1.65	92,600	97,000	1.40	136,200	153,000	1.50	228,800
Pierce	19,000	1.90	36,100	34,000	1.30	44,300	53,000	1.50	80,400
Rolette	20,000	1.75	35,000	19,500	1.35	26,400	39,500	1.55	61,400
North Central	150,000	1.80	270,000	210,000	1.40	293,000	360,000	1.55	563,000
Cavalier	5,000	1.80	9,000	10,500	1.55	16,300	15,500	1.65	25,300
Grand Forks	16,000	2.30	36,800	6,500	1.25	8,100	22,500	2.00	44,900
Nelson	11,000	1.85	20,300	16,000	1.25	20,000	27,000	1.50	40,300
Pembina	6,500	2.20	14,300	7,000	1.45	10,100	13,500	1.80	24,400
Ramsey	6,500	2.00	13,000	13,500	1.25	16,900	20,000	1.50	29,900
Towner	2,500	2.20	5,500	18,500	1.70	31,500	21,000	1.75	37,000
Walsh	10,500	2.20	23,100	16,000	1.80	28,800	26,500	1.95	51,900
Northeast	58,000	2.10	122,000	88,000	1.50	131,700	146,000	1.75	253,700
Dunn	87,000	.95	82,300	30,500	1.10	33,600	117,500	1.00	115,900
McKenzie	54,000	1.30	70,000	28,000	.90	25,200	82,000	1.15	95,200
McLean	30,000	2.20	65,900	42,000	1.65	69,100	72,000	1.90	135,000
Mercer	33,000	1.75	57,800	22,500	1.50	33,700	55,500	1.65	91,500
Oliver	28,000	1.75	49,000	22,000	1.20	26,400	50,000	1.50	75,400
West Central	232,000	1.40	325,000	145,000	1.30	188,000	377,000	1.35	513,000
Eddy	26,000	2.10	54,700	13,500	1.45	19,600	39,500	1.90	74,300
Foster	19,000	1.80	34,200	9,500	1.50	14,300	28,500	1.70	48,500
Kidder	100,000	1.35	135,400	50,000	1.20	60,200	150,000	1.30	195,600
Sheridan	11,000	1.90	20,900	21,000	1.50	31,500	32,000	1.65	52,400
Stutsman	50,000	2.40	120,000	31,000	1.75	54,400	81,000	2.15	174,400
Wells	14,000	2.20	30,800	20,000	1.85	37,000	34,000	2.00	67,800
Central	220,000	1.80	396,000	145,000	1.50	217,000	365,000	1.70	613,000
Barnes	22,000	2.05	45,200	22,000	1.30	28,600	44,000	1.70	73,800
Cass	18,000	2.80	50,400	7,500	1.70	12,800	25,500	2.50	63,200
Griggs	20,000	1.60	32,000	16,500	1.70	28,100	36,500	1.65	60,100
Steele	5,000	2.40	12,000	5,500	1.35	7,400	10,500	1.85	19,400
Traill	7,000	3.20	22,400	5,500	2.10	11,600	12,500	2.70	34,000
East Central	72,000	2.25	162,000	57,000	1.55	88,500	129,000	1.95	250,500
Adams	32,000	1.30	41,700	22,000	.85	18,700	54,000	1.10	60,400
Billings	28,000	.65	18,300	16,000	1.25	20,000	44,000	.85	38,300
Bowman	39,000	1.15	44,900	22,000	.80	17,600	61,000	1.00	62,500
Golden Valley	14,000	1.25	17,500	16,000	1.40	22,400	30,000	1.35	39,900
Hettinger	31,000	1.05	32,600	16,500	1.10	18,200	47,500	1.05	50,800
Slope	29,000	1.00	29,000	10,500	.85	8,900	39,500	.95	37,900
Stark	50,000	1.00	50,000	32,000	.90	28,800	82,000	.95	78,800
Southwest	223,000	1.05	234,000	135,000	1.00	134,600	358,000	1.05	368,600
Burleigh	74,000	1.50	111,300	42,000	1.50	63,000	116,000	1.50	174,300
Emmons	45,000	1.85	83,400	66,000	1.25	82,500	111,000	1.50	165,900
Grant	58,000	1.30	75,600	40,000	1.25	50,000	98,000	1.30	125,600
Morton	69,000	1.50	103,700	59,000	1.45	85,700	128,000	1.50	189,400
Sioux	44,000	.75	33,000	23,000	1.25	28,800	67,000	.90	61,800
South Central	290,000	1.40	407,000	230,000	1.35	310,000	520,000	1.40	717,000
Dickey	43,000	2.05	88,000	19,000	1.50	28,500	62,000	1.90	116,500
LaMoure	25,000	1.75	43,700	21,000	1.50	31,500	46,000	1.65	75,200
Logan	50,000	2.20	109,800	42,000	1.40	58,600	92,000	1.85	168,400
McIntosh	40,000	2.00	79,800	38,000	1.50	57,000	78,000	1.75	136,800
Ransom	25,000	2.10	52,400	16,000	1.30	20,800	41,000	1.80	73,200
Richland	15,000	3.10	46,500	16,000	1.30	20,800	31,000	2.15	67,300
Sargent	22,000	1.90	41,800	13,000	1.00	13,000	35,000	1.55	54,800
Southeast	220,000	2.10	462,000	165,000	1.40	230,200	385,000	1.80	692,200
STATE	1,600,000	1.60	2,560,000	1,300,000	1.35	1,755,000	2,900,000	1.49	4,315,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay
by Counties, North Dakota, 1982 (Final)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	9,000	1.50	13,500	20,500	1.40	28,700	29,500	1.45	42,200
Divide	12,000	1.60	19,200	16,000	1.55	24,800	28,000	1.55	44,000
Mountrail	30,500	1.90	58,000	47,500	1.70	80,800	78,000	1.80	138,800
Renville	11,000	1.40	15,400	6,500	1.50	9,800	17,500	1.45	25,200
Ward	36,000	1.70	61,200	28,500	1.30	37,100	64,500	1.50	98,300
Williams	31,500	2.13	67,200	16,000	1.30	20,800	47,500	1.85	88,000
Northwest	130,000	1.80	234,500	135,000	1.50	202,000	265,000	1.65	436,500
Benson	23,000	1.60	36,800	28,500	1.30	37,100	51,500	1.45	73,900
Bottineau	33,500	1.70	57,000	20,500	1.95	40,000	54,000	1.80	97,000
McHenry	57,000	1.90	108,100	110,000	1.35	148,600	167,000	1.55	256,700
Pierce	20,000	1.75	35,000	32,500	1.30	42,300	52,500	1.45	77,300
Rolette	26,500	2.25	59,600	18,500	1.35	25,000	45,000	1.90	84,600
North Central	160,000	1.85	296,500	210,000	1.40	293,000	370,000	1.60	589,500
Cavalier	3,600	2.50	9,000	6,400	2.00	12,800	10,000	2.20	21,800
Grand Forks	15,500	2.60	40,300	6,400	1.30	8,300	21,900	2.20	48,600
Nelson	11,000	1.95	21,500	16,000	1.45	23,200	27,000	1.65	44,700
Pembina	5,500	2.35	12,900	4,800	1.25	6,000	10,300	1.85	18,900
Ramsey	4,500	2.53	11,400	7,900	2.10	16,600	12,400	2.25	28,000
Towner	2,700	2.55	6,900	10,500	1.55	16,300	13,200	1.75	23,200
Walsh	7,200	2.85	20,500	12,000	1.60	19,200	19,200	2.05	39,700
Northeast	50,000	2.45	122,500	64,000	1.60	102,400	114,000	1.95	224,900
Dunn	100,000	1.90	190,000	35,000	1.20	42,000	135,000	1.70	232,000
McKenzie	52,000	1.95	101,400	24,500	1.65	40,400	76,500	1.85	141,800
McLean	29,000	2.30	66,700	36,500	1.75	63,900	65,500	2.00	130,600
Mercer	23,500	2.15	50,600	19,000	1.80	34,200	42,500	2.00	84,800
Oliver	25,500	2.50	63,800	20,000	1.75	35,000	45,500	2.15	98,800
West Central	230,000	2.05	472,500	135,000	1.60	215,500	365,000	1.90	688,000
Eddy	23,000	1.90	43,600	12,500	1.10	13,800	35,500	1.60	57,400
Foster	18,000	2.40	43,200	10,500	1.15	12,100	28,500	1.95	55,300
Kidder	108,000	1.45	156,500	56,000	1.15	64,300	164,000	1.35	220,800
Sheridan	9,100	1.50	13,500	25,500	1.35	34,400	34,500	1.40	47,900
Stutsman	49,000	2.00	98,000	31,000	1.60	49,600	80,000	1.85	147,600
Wells	13,000	2.40	31,200	19,500	1.40	27,300	32,500	1.80	58,500
Central	220,000	1.75	386,000	155,000	1.30	201,500	375,000	1.55	587,500
Barnes	14,500	2.33	33,800	17,500	1.50	26,200	32,000	1.90	60,000
Cass	12,500	2.70	33,800	9,500	1.35	12,800	22,000	2.10	46,600
Griggs	13,500	2.45	33,100	17,500	1.25	21,800	31,000	1.75	54,900
Steele	3,800	2.45	9,300	6,500	1.40	9,100	10,300	1.80	18,400
Traill	5,700	3.51	20,000	5,000	1.70	8,500	10,700	2.65	28,500
East Central	50,000	2.60	130,000	56,000	1.40	78,400	106,000	1.95	208,400
Adams	42,500	2.00	85,000	26,000	1.50	39,000	68,500	1.80	124,000
Billings	33,000	2.20	72,600	18,500	1.55	28,700	51,500	1.95	101,300
Bowman	40,500	2.20	89,300	21,000	1.55	32,600	61,500	2.00	121,900
Golden Valley	16,000	1.70	27,200	18,500	1.25	23,100	34,500	1.45	50,300
Hettinger	36,000	1.95	70,200	16,000	1.35	21,600	52,000	1.75	91,800
Slope	33,000	1.86	61,400	9,500	1.40	13,300	42,500	1.75	74,700
Stark	49,000	2.20	107,800	35,500	1.65	58,700	84,500	1.95	166,500
Southwest	250,000	2.05	513,500	145,000	1.50	217,000	395,000	1.85	730,500
Burleigh	59,000	1.95	115,100	40,500	1.40	56,700	99,500	1.75	171,800
Emmons	42,500	1.83	77,700	49,000	1.40	68,700	91,500	1.60	146,400
Grant	49,000	2.00	98,000	39,000	1.75	68,400	88,000	1.90	166,400
Morton	67,000	2.55	170,900	48,500	1.80	87,500	115,500	2.25	258,400
Sioux	42,500	1.70	72,300	18,000	1.15	20,700	60,500	1.55	93,000
South Central	260,000	2.05	534,000	195,000	1.55	302,000	455,000	1.85	836,000
Dickey	37,000	1.70	62,900	19,000	1.25	23,800	56,000	1.55	86,700
LaMoure	25,500	2.70	68,900	18,000	1.40	25,200	43,500	2.15	94,100
Logan	41,000	2.30	94,300	43,000	1.35	58,100	84,000	1.80	152,400
McIntosh	40,000	1.65	66,000	35,000	1.45	50,700	75,000	1.55	116,700
Ransom	18,000	2.00	36,000	14,000	1.05	14,700	32,000	1.60	50,700
Richland	16,000	2.55	40,800	14,000	1.15	16,100	30,000	1.90	56,900
Sargent	22,500	1.85	41,600	12,000	1.05	12,600	34,500	1.55	54,200
Southeast	200,000	2.05	410,500	155,000	1.30	201,200	355,000	1.70	611,700
STATE	1,550,000	2.00	3,100,000	1,250,000	1.45	1,813,000	2,800,000	1.75	4,913,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay by Counties, North Dakota, 1983 (Revised)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	9,200	1.40	12,900	21,500	1.40	30,100	30,700	1.40	43,000
Divide	13,000	1.35	17,600	14,500	1.55	22,500	27,500	1.45	40,100
Mountrail	28,500	1.30	37,100	49,500	1.15	56,300	78,000	1.20	93,400
Renville	9,300	1.45	13,500	9,000	1.40	12,600	18,300	1.45	26,100
Ward	33,000	1.70	56,200	31,000	1.50	46,500	64,000	1.60	102,700
Williams	27,000	1.80	48,700	14,500	1.10	16,000	41,500	1.55	64,700
Northwest	120,000	1.55	186,000	140,000	1.30	184,000	260,000	1.40	370,000
Benson	18,000	1.80	32,400	37,500	1.35	50,600	55,500	1.50	83,000
Bottineau	23,500	1.60	37,600	30,000	1.30	39,000	53,500	1.45	76,600
McHenry	66,000	1.65	108,900	105,000	1.05	112,400	171,000	1.30	221,300
Pierce	18,500	1.80	33,300	35,500	1.30	46,200	54,000	1.45	79,500
Rolette	29,000	1.75	50,800	22,000	1.25	27,500	51,000	1.55	78,300
North Central	155,000	1.70	263,000	230,000	1.20	275,700	385,000	1.40	538,700
Cavalier	1,500	1.55	2,300	9,000	1.70	15,400	10,500	1.70	17,700
Grand Forks	10,500	2.10	22,100	7,000	1.30	9,100	17,500	1.80	31,200
Nelson	8,600	1.80	15,500	13,000	1.40	18,200	21,600	1.55	33,700
Pembina	5,200	2.40	12,500	5,500	1.30	7,200	10,700	1.85	19,700
Ramsey	3,000	2.00	6,000	10,000	1.20	12,000	13,000	1.40	18,000
Towner	2,200	1.50	3,300	10,000	1.60	16,000	12,200	1.60	19,300
Walsh	7,000	1.50	10,500	15,500	1.30	20,200	22,500	1.35	30,700
Northeast	38,000	1.90	72,200	70,000	1.40	98,100	108,000	1.60	170,300
Dunn	110,000	1.70	186,700	40,000	1.00	40,000	150,000	1.50	226,700
McKenzie	50,000	1.75	87,500	33,000	1.15	38,300	83,000	1.50	125,800
McLean	23,000	2.30	52,900	47,500	1.40	66,500	70,500	1.70	119,400
Mercer	29,000	2.10	60,900	20,500	1.60	32,800	49,500	1.90	93,700
Oliver	23,000	2.00	46,000	19,000	1.60	30,400	42,000	1.80	76,400
West Central	235,000	1.85	434,000	160,000	1.30	208,000	395,000	1.65	642,000
Eddy	21,500	1.60	34,500	19,500	1.10	21,500	41,000	1.35	56,000
Foster	12,000	1.70	20,400	10,000	1.10	11,000	22,000	1.45	31,400
Kidder	98,000	1.45	143,300	52,000	1.05	54,600	150,000	1.30	197,900
Sheridan	12,000	1.60	19,200	29,500	1.20	35,400	41,500	1.30	54,600
Stutsman	56,000	1.90	106,600	36,500	1.25	46,400	92,500	1.65	153,000
Wells	10,500	1.90	20,000	27,500	1.50	41,300	38,000	1.60	61,300
Central	210,000	1.65	344,000	175,000	1.20	210,200	385,000	1.45	554,200
Barnes	16,000	2.40	38,400	16,500	1.70	27,900	32,500	2.05	66,300
Cass	16,500	2.90	47,900	6,500	1.55	10,100	23,000	2.50	58,000
Griggs	17,000	1.90	32,400	13,000	1.25	16,300	30,000	1.60	48,700
Steele	3,400	3.00	10,200	5,000	1.80	9,000	8,400	2.30	19,200
Traill	4,100	4.00	16,400	4,000	2.20	8,800	8,100	3.10	25,200
East Central	57,000	2.55	145,300	45,000	1.60	72,100	102,000	2.15	217,400
Adams	44,500	1.70	75,500	18,000	1.40	25,200	62,500	1.60	100,700
Billings	36,000	1.40	50,400	20,500	1.25	25,800	56,500	1.35	76,200
Bowman	34,000	1.70	57,700	20,500	1.40	28,700	54,500	1.60	86,400
Golden Valley	16,500	1.20	19,800	19,500	1.30	25,400	36,000	1.25	45,200
Hettinger	35,000	2.00	70,000	14,000	1.20	16,800	49,000	1.75	86,800
Slope	37,000	1.60	59,100	14,500	1.10	16,000	51,500	1.45	75,100
Stark	62,000	1.90	117,500	28,000	1.35	37,800	90,000	1.75	155,300
Southwest	265,000	1.70	450,000	135,000	1.30	175,700	400,000	1.55	625,700
Burleigh	56,000	1.70	95,200	49,000	1.00	49,000	105,000	1.35	144,200
Emmons	41,000	2.05	84,100	55,000	1.05	57,200	96,000	1.45	141,300
Grant	57,000	1.85	104,200	29,000	1.15	33,400	86,000	1.60	137,600
Morton	70,000	1.90	133,000	49,000	1.50	73,500	119,000	1.75	206,500
Sioux	46,000	1.50	69,000	13,000	.85	11,100	59,000	1.35	80,100
South Central	270,000	1.80	485,500	195,000	1.15	224,200	465,000	1.55	709,700
Dickey	42,000	1.80	75,600	27,500	1.30	35,800	69,500	1.60	111,400
LaMoure	24,000	2.10	50,400	27,000	1.25	33,500	51,000	1.65	83,900
Logan	45,000	1.70	76,500	51,000	1.10	56,100	96,000	1.40	132,600
McIntosh	34,000	1.80	61,400	46,500	1.20	55,800	80,500	1.45	117,200
Ransom	19,000	2.70	51,300	15,500	1.10	17,100	34,500	2.00	68,400
Richland	19,000	3.15	59,900	18,000	1.35	24,300	37,000	2.30	84,200
Sargent	17,000	2.05	34,900	14,500	1.20	17,400	31,500	1.65	52,300
Southeast	200,000	2.05	410,000	200,000	1.20	240,000	400,000	1.65	650,000
STATE	1,550,000	1.80	2,790,000	1,350,000	1.25	1,688,000	2,900,000	1.54	4,478,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay
by Counties, North Dakota, 1984 (Preliminary)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	9,000	1.00	9,000	21,000	1.00	21,000	30,000	1.00	30,000
Divide	11,000	.80	8,800	15,500	1.05	16,300	26,500	.95	25,100
Mountrail	25,000	1.25	30,800	35,000	1.20	42,100	60,000	1.20	72,900
Renville	6,000	1.20	7,200	7,500	1.05	7,900	13,500	1.10	15,100
Ward	30,000	1.70	51,000	45,000	1.30	58,700	75,000	1.45	109,700
Williams	29,000	1.25	36,200	21,000	1.00	21,000	50,000	1.15	57,200
Northwest	110,000	1.30	143,000	145,000	1.15	167,000	255,000	1.20	310,000
Benson	11,000	1.70	18,700	33,000	1.40	46,100	44,000	1.45	64,800
Bottineau	22,000	1.30	28,600	20,000	1.30	26,000	42,000	1.30	54,600
McHenry	70,000	1.80	126,000	100,000	1.35	135,000	170,000	1.55	261,000
Pierce	20,000	1.80	36,000	37,000	1.30	48,000	57,000	1.45	84,000
Rolette	27,000	1.70	45,700	25,000	1.40	34,900	52,000	1.55	80,600
North Central	150,000	1.70	255,000	215,000	1.35	290,000	365,000	1.50	545,000
Cavalier	2,400	1.85	4,500	8,000	1.85	14,800	10,400	1.85	19,300
Grand Forks	8,000	2.90	23,200	11,000	1.60	17,600	19,000	2.15	40,800
Nelson	10,500	2.05	21,500	21,000	1.50	31,600	31,500	1.70	53,100
Pembina	10,500	2.15	22,800	9,500	1.30	12,400	20,000	1.75	35,200
Ramsey	3,200	1.75	5,600	10,500	1.60	16,800	13,700	1.65	22,400
Towner	3,400	1.50	5,100	13,000	1.75	22,800	16,400	1.70	27,900
Walsh	7,000	2.00	14,000	17,000	1.65	28,000	24,000	1.75	42,000
Northeast	45,000	2.15	96,700	90,000	1.60	144,000	135,000	1.80	240,700
Dunn	105,000	1.60	167,400	53,000	1.35	71,400	158,000	1.50	238,800
McKenzie	47,000	1.25	58,800	34,000	.95	32,200	81,000	1.10	91,000
McLean	28,000	2.20	61,600	37,000	1.30	48,000	65,000	1.70	109,600
Mercer	37,000	1.95	72,200	20,000	1.30	26,000	57,000	1.70	98,200
Oliver	28,000	2.00	56,000	16,000	1.40	22,400	44,000	1.80	78,400
West Central	245,000	1.70	416,000	160,000	1.25	200,000	405,000	1.50	616,000
Eddy	23,000	1.60	36,800	26,000	1.10	28,600	49,000	1.35	65,400
Foster	11,000	2.10	23,100	7,000	1.50	10,500	18,000	1.85	33,600
Kidder	97,000	1.40	136,200	65,000	1.05	68,300	162,000	1.25	204,500
Sheridan	10,000	1.80	18,000	32,000	1.45	46,400	42,000	1.55	64,400
Stutsman	54,000	2.10	113,400	44,000	1.50	66,000	98,000	1.85	179,400
Wells	10,000	2.15	21,500	26,000	1.55	40,200	36,000	1.70	61,700
Central	205,000	1.70	349,000	200,000	1.30	260,000	405,000	1.50	609,000
Barnes	16,000	2.15	34,200	20,000	1.50	30,000	36,000	1.80	64,200
Cass	14,500	3.00	43,500	2,500	2.00	5,000	17,000	2.85	48,500
Griggs	12,000	1.80	21,600	12,000	1.50	18,000	24,000	1.65	39,600
Steele	2,000	2.50	5,000	3,500	1.50	5,200	5,500	1.85	10,200
Traill	5,500	3.30	18,200	2,000	1.90	3,800	7,500	2.95	22,000
East Central	50,000	2.45	122,500	40,000	1.55	62,000	90,000	2.05	184,500
Adams	40,000	1.50	60,000	15,000	1.20	18,000	55,000	1.40	78,000
Billings	41,000	.90	36,900	22,000	1.20	26,300	63,000	1.00	63,200
Bowman	36,000	1.30	46,800	23,000	1.15	26,500	59,000	1.25	73,300
Golden Valley	17,000	1.25	21,200	12,000	.80	9,600	29,000	1.05	30,800
Hettinger	34,000	1.55	52,700	13,000	1.20	15,600	47,000	1.45	68,300
Slope	37,000	1.45	53,700	15,000	1.10	16,500	52,000	1.35	70,200
Stark	70,000	1.60	113,700	15,000	1.30	19,500	85,000	1.55	133,200
Southwest	275,000	1.40	385,000	115,000	1.15	132,000	390,000	1.35	517,000
Burleigh	55,000	1.80	99,000	45,000	1.25	56,100	100,000	1.55	155,100
Emmons	51,000	2.25	114,800	52,000	1.55	80,400	103,000	1.90	195,200
Grant	63,000	1.60	100,800	29,000	1.00	29,000	92,000	1.40	129,800
Morton	64,000	1.70	108,800	51,000	1.25	63,800	115,000	1.50	172,600
Sioux	47,000	1.40	66,400	23,000	.90	20,700	70,000	1.25	87,100
South Central	280,000	1.75	489,800	200,000	1.25	250,000	480,000	1.55	739,800
Dickey	36,000	2.15	77,500	26,000	1.40	36,400	62,000	1.85	113,900
LaMoure	23,000	2.30	52,900	20,000	1.55	31,000	43,000	1.95	83,900
Logan	41,000	2.00	82,000	45,000	1.30	58,500	86,000	1.65	140,500
McIntosh	33,000	2.20	72,600	41,000	1.55	63,600	74,000	1.85	136,200
Ransom	19,000	3.00	57,000	12,000	1.20	14,400	31,000	2.30	71,400
Richland	19,000	3.50	66,500	21,000	1.10	23,100	40,000	2.25	89,600
Sargent	19,000	2.50	47,500	20,000	1.15	23,000	39,000	1.80	70,500
Southeast	190,000	2.40	456,000	185,000	1.35	250,000	375,000	1.90	706,000
STATE	1,550,000	1.75	2,713,000	1,350,000	1.30	1,755,000	2,900,000	1.54	4,468,000

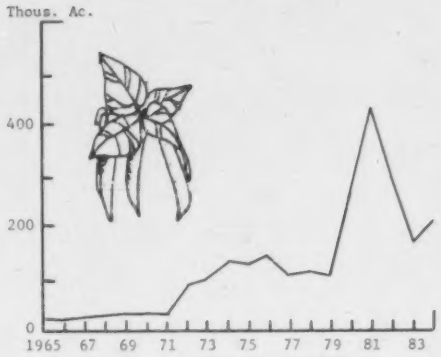
DRY BEANS: Acreage, Yield and Production by Counties, North Dakota, 1980-1982 (Final) and 1983 (Revised)

District and County	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(Cwt.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(Cwt.)
	1980					1981				
Ward	700	600	570	660	3,970	400	400	1180	1180	4,720
Williams	1,200	1,100	1630	1780	19,580	900	900	1860	1860	16,722
Benson	500	500	960	960	4,800	2,300	2,300	1000	1000	22,950
Bottineau	---	---	---	---	---	2,700	2,600	840	870	22,620
Pierce	600	600	1000	1000	6,000	2,300	2,200	860	900	19,800
Cavalier	2,500	2,300	1070	1160	26,760	13,500	13,200	730	740	98,200
Grand Forks	60,000	59,000	970	990	584,100	90,000	87,000	1040	1080	939,578
Nelson	1,000	1,000	980	980	9,800	12,500	12,000	930	970	116,755
Pembina	37,500	34,500	1380	1500	517,500	71,500	68,000	750	790	537,282
Ramsey	2,100	1,900	1130	1250	23,750	5,800	5,700	980	990	56,626
Towner	900	800	930	1050	8,400	2,700	2,600	1050	1090	28,226
Walsh	31,000	30,500	980	990	302,720	50,000	47,500	970	1020	486,480
McKenzie	1,400	1,400	1490	1490	20,860	1,700	1,600	1520	1620	25,883
McLean	900	900	800	800	7,200	3,000	2,900	1270	1310	37,990
Mercer	---	---	---	---	---	1,100	1,100	1260	1260	13,860
Eddy	500	500	1900	1900	9,500	800	800	1270	1270	10,129
Sheridan	---	---	---	---	---	1,000	1,000	1000	1000	9,996
Stutsman	---	---	---	---	---	2,800	2,700	1280	1330	35,910
Wells	4,100	3,800	1580	1700	64,600	10,500	10,200	1210	1250	127,500
Barnes	900	900	870	870	7,830	1,900	1,900	1370	1370	26,030
Cass	18,000	17,000	1120	1190	202,300	28,200	27,500	1450	1490	409,511
Griggs	2,600	2,600	1210	1210	31,460	9,400	9,100	1160	1190	108,593
Steele	23,000	22,500	910	930	209,250	32,000	31,000	1210	1240	385,740
Traill	30,500	30,000	890	900	270,000	39,000	38,000	1240	1270	484,471
Bowman	---	---	---	---	---	500	500	850	850	4,250
Hettinger	---	---	---	---	---	700	700	950	950	6,650
Burleigh	---	---	---	---	---	1,000	1,000	1350	1350	13,505
Emmons	---	---	---	---	---	1,800	1,700	1420	1500	25,500
Dickey	12,000	11,000	550	600	66,000	5,400	5,300	880	890	47,362
LaMoure	6,600	6,100	830	900	54,900	8,700	8,600	1290	1300	112,033
Ransom	10,000	9,700	730	750	72,750	6,900	6,800	1240	1260	85,534
Richland	10,500	10,000	910	960	95,550	13,500	13,000	1400	1460	189,552
Sargent	5,400	5,200	960	1000	52,000	4,400	4,200	980	1020	42,959
Other Counties	600	600	1070	1070	6,420	1,100	1,000	1100	1210	12,083
STATE	265,000	255,000	1010	1050	2,678,000	430,000	415,000	1060	1100	4,565,000
	1982					1983				
Ward	100	100	1090	1090	1,090	---	---	---	---	---
Williams	1,000	900	1340	1490	13,410	500	500	500	500	2,500
Benson	600	600	1510	1510	9,060	---	---	---	---	---
Bottineau	1,000	900	680	750	6,750	100	100	1160	1160	1,160
Pierce	500	500	900	900	4,500	500	400	830	1040	4,160
Rolette	---	---	---	---	---	300	300	1000	1000	3,000
Cavalier	4,000	2,300	470	810	18,630	2,000	1,800	500	550	9,900
Grand Forks	63,000	54,000	950	1110	599,420	46,500	42,500	920	1000	425,850
Nelson	2,800	2,400	940	1100	26,400	1,300	1,200	920	1000	12,000
Pembina	45,000	28,000	500	800	224,000	15,500	14,500	960	1030	149,350
Ramsey	1,700	1,500	900	1020	15,300	1,100	1,000	770	850	8,500
Towner	1,500	1,300	780	900	11,700	1,100	1,000	760	840	8,400
Walsh	37,000	19,500	440	830	161,850	20,500	20,000	1000	1030	206,000
McKenzie	1,500	1,300	1390	1600	20,800	400	400	1360	1360	5,440
McLean	1,200	1,200	1280	1280	15,360	100	100	500	500	500
Mercer	300	200	550	820	1,640	700	700	660	660	4,620
Eddy	500	500	1200	1200	6,000	---	---	---	---	---
Foster	800	700	850	970	8,790	---	---	---	---	---
Kidder	300	200	690	1030	2,060	---	---	---	---	---
Sheridan	300	300	980	980	2,940	300	300	1090	1090	3,270
Stutsman	1,100	1,100	1230	1230	13,530	---	---	---	---	---
Wells	5,000	4,800	970	1010	48,480	3,500	3,500	1220	1220	42,710
Barnes	1,500	1,400	1070	1150	16,100	800	800	690	690	5,520
Cass	38,500	31,500	790	970	305,550	17,000	16,300	1140	1190	193,970
Griggs	6,000	5,600	800	860	48,160	1,700	1,600	650	690	11,040
Steele	26,000	24,000	1180	1280	307,190	15,500	14,900	870	910	135,590
Traill	35,000	32,500	1130	1220	396,500	25,000	24,400	1190	1220	297,680
Bowman	600	600	780	780	4,680	1,000	1,000	890	890	8,900
Hettinger	1,500	1,400	760	810	11,340	800	800	800	800	6,400
Burleigh	200	200	850	850	1,700	300	300	980	980	2,940
Emmons	300	300	1100	1100	3,300	---	---	---	---	---
Dickey	600	600	1330	1330	7,980	1,000	900	1140	1270	11,430
LaMoure	4,100	3,900	790	830	32,370	2,600	2,400	530	570	13,680
Ransom	4,600	4,400	1240	1300	57,200	4,800	4,400	810	880	38,720
Richland	9,900	9,300	920	980	91,140	4,500	3,300	650	890	29,370
Sargent	1,700	1,700	1440	1440	24,480	500	500	910	910	4,550
Other Counties	300	300	870	870	2,600	100	100	850	850	850
STATE	300,000	240,000	840	1050	2,520,000	170,000	160,000	970	1030	1,648,000

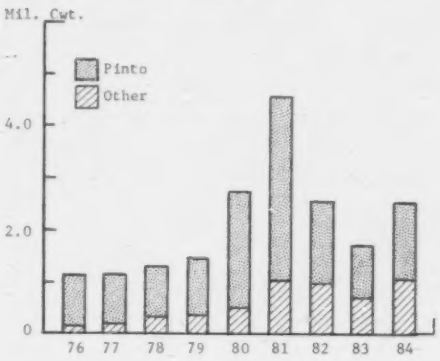
DRY BEANS: Acreage, Yield and Production by Counties, North Dakota, 1984 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(Cwt.)
Ward	100	100	900	900	900
Williams	300	300	940	940	2,820
Benson	300	300	890	890	2,670
Bottineau	700	700	750	750	5,250
Pierce	200	200	840	840	1,680
Cavalier	1,100	1,100	870	870	9,570
Grand Forks	43,000	41,600	1330	1370	569,960
Nelson	600	600	960	960	5,760
Pembina	29,000	28,400	1340	1370	389,080
Ramsey	1,200	1,100	960	1050	11,550
Towner	1,100	900	610	750	6,750
Walsh	23,000	22,800	1350	1360	310,080
McKenzie	700	700	1630	1630	11,410
McLean	1,200	1,100	1020	1110	12,210
Mercer	100	100	960	960	960
Oliver	200	200	1150	1150	2,300
Eddy	100	100	900	900	900
Kidder	400	400	1510	1510	6,040
Sheridan	300	300	810	810	2,430
Stutsman	900	800	710	800	6,400
Wells	5,200	5,100	840	860	43,860
Barnes	800	800	860	860	6,880
Cass	23,000	22,500	1150	1180	265,500
Griggs	5,200	5,200	1070	1070	55,640
Steele	18,000	17,500	1120	1150	201,250
Traill	30,000	29,000	1290	1330	385,730
Bowman	600	500	1000	1000	6,000
Hettinger	500	500	1000	1000	5,000
Burleigh	600	600	930	930	5,580
Emmons	900	800	980	1100	8,800
Grant	100	100	800	800	800
Morton	200	200	910	910	1,820
Dickey	1,000	1,000	800	800	8,000
LaMoure	3,600	3,600	900	900	32,400
Logan	100	100	780	780	780
Ransom	4,000	4,000	1200	1200	48,000
Richland	3,900	3,800	1540	1580	60,040
Sargent	2,800	2,800	900	900	25,200
STATE	205,000	200,000	1230	1260	2,520,000

DRY BEAN PLANTED ACRES
North Dakota, 1965-84



DRY BEAN PRODUCTION
North Dakota, 1976-84



Dry Beans by Commercial Classes
North Dakota, 1980-84

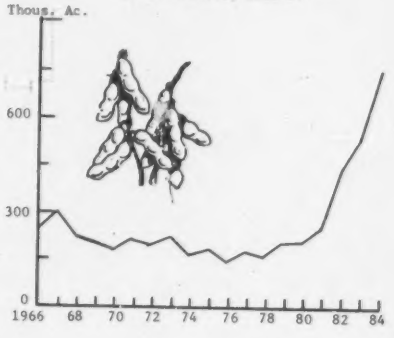
Year	Peas, Navy	Great Northern	Pinto	Other	Total
	- - - - - Thousand Cwt. - - - - -				
1980	404	0	2,248	26	2,678
1981	870	0	3,570	125	4,565
1982	840	0	1,596	84	2,520
1983	598	0	1,020	30	1,648
1984	960	0	1,500	60	2,520

SOYBEANS: Acreage, Yield and Production by Counties, North Dakota, 1980-84*

District and County	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
	1980					1981				
Cavalier	100	100	15.0	15.0	1,500	---	---	---	---	---
Grand Forks	10,500	8,800	10.0	11.9	104,700	14,000	13,000	22.3	24.0	312,000
Nelson	300	300	13.7	13.7	4,100	---	---	---	---	---
Pembina	1,500	1,500	23.8	23.8	35,700	9,500	9,000	23.2	24.5	220,500
Towner	500	500	13.8	13.8	6,900	---	---	---	---	---
Walsh	2,300	2,300	17.0	17.0	39,100	4,500	4,500	23.0	23.0	103,500
Eddy	---	---	---	---	---	600	600	18.0	18.0	10,800
Foster	---	---	---	---	---	400	400	19.0	19.0	7,600
Stutsman	---	---	---	---	---	800	800	18.8	18.8	15,000
Wells	---	---	---	---	---	200	200	18.0	18.0	3,600
Barnes	1,000	1,000	13.6	13.6	13,600	1,000	1,000	24.5	24.5	24,500
Cass	68,700	67,100	19.4	19.8	1,329,400	90,000	89,000	29.5	29.8	2,652,800
Griggs	500	500	18.0	18.0	9,000	700	700	23.0	23.0	16,100
Steele	2,600	2,600	12.2	12.2	31,800	4,600	4,500	26.9	27.5	123,800
Traill	20,800	20,700	15.0	15.1	313,000	25,700	24,800	29.9	31.0	768,800
Dickey	1,000	1,000	14.8	14.8	14,800	---	---	---	---	---
LaMoure	800	700	8.6	9.9	6,900	700	700	21.0	21.0	14,700
Ransom	6,500	5,000	8.8	11.4	57,200	5,300	5,300	24.5	24.5	129,900
Richland	84,300	79,500	16.7	17.8	1,411,500	88,500	87,000	26.9	27.4	2,381,400
Sargent	6,100	6,000	12.9	13.1	78,700	3,000	3,000	22.0	22.0	66,000
Other Counties	2,500	2,400	16.8	17.5	42,100	500	500	18.0	18.0	9,000
STATE	210,000	200,000	16.7	17.5	3,500,000	250,000	245,000	27.4	28.0	6,860,000
	1982					1983				
Benson	---	---	---	---	---	900	900	13.0	13.0	11,700
Bottineau	---	---	---	---	---	800	800	17.3	17.3	13,800
Cavalier	---	---	---	---	---	400	400	15.0	15.0	6,000
Grand Forks	33,000	32,000	16.9	17.4	557,600	55,000	54,000	23.6	24.0	1,296,000
Nelson	2,000	2,000	13.0	13.0	26,000	2,600	2,600	22.5	22.5	58,500
Pembina	23,000	22,000	15.8	16.5	363,000	36,000	36,000	22.0	22.0	792,000
Ramsey	600	600	11.5	11.5	6,900	1,000	1,000	17.5	17.5	17,500
Towner	800	800	18.5	18.5	14,800	4,000	4,000	15.0	15.0	60,000
Walsh	10,600	10,600	14.5	14.5	153,700	16,000	16,000	24.5	24.5	392,000
Eddy	500	500	13.0	13.0	6,500	600	600	16.0	16.0	9,600
Foster	1,200	1,200	14.0	14.0	16,800	200	200	16.0	16.0	3,200
Kidder	---	---	---	---	---	200	200	16.0	16.0	3,200
Stutsman	1,600	1,600	15.2	15.2	24,300	4,000	4,000	14.0	14.0	56,000
Wells	700	700	12.0	12.0	8,400	6,000	6,000	20.1	20.1	120,500
Barnes	2,500	2,500	19.0	19.0	47,500	5,500	5,500	18.5	18.5	101,800
Cass	142,000	139,000	22.4	22.9	3,177,700	155,000	152,000	29.4	30.0	4,560,000
Griggs	2,500	2,500	13.0	13.0	32,500	4,500	4,500	25.0	25.0	112,500
Steele	13,000	12,500	21.2	22.0	275,000	20,000	20,000	24.5	24.5	490,000
Traill	48,000	46,500	23.7	24.5	1,139,300	65,000	63,000	30.1	31.1	1,959,200
Adams	---	---	---	---	---	200	200	13.0	13.0	2,600
Hettinger	---	---	---	---	---	1,100	1,100	15.4	15.4	16,900
Dickey	3,000	2,900	13.5	14.0	40,600	4,300	4,300	20.0	20.0	86,000
LaMoure	3,400	3,300	14.6	15.0	49,500	5,200	5,200	18.0	18.0	93,600
McIntosh	100	100	13.0	13.0	1,300	---	---	---	---	---
Ransom	7,000	6,800	15.5	16.0	108,800	6,200	6,200	22.0	22.0	136,400
Richland	124,000	121,500	20.9	21.3	2,591,600	140,000	136,000	27.2	28.0	3,810,000
Sargent	4,500	4,400	12.7	13.0	57,200	4,300	4,300	20.0	20.0	86,000
Other Counties	1,000	1,000	16.0	16.0	16,000	1,000	1,000	15.0	15.0	15,000
STATE	425,000	415,000	20.5	21.0	8,715,000	540,000	530,000	26.5	27.0	14,310,000
	1984									
Benson	1,600	1,500	11.8	12.6	18,900					
Bottineau	300	200	6.0	9.0	1,800					
Cavalier	400	400	13.0	13.0	5,200					
Grand Forks	72,000	71,000	23.1	23.4	1,663,100					
Nelson	5,700	5,300	15.8	17.0	90,100					
Pembina	33,500	33,000	22.7	23.0	759,000					
Ramsey	2,300	2,300	15.0	15.0	34,500					
Towner	2,100	2,000	11.0	11.5	23,000					
Walsh	19,000	18,500	21.9	22.5	416,300					
Eddy	700	700	11.0	11.0	7,700					
Foster	700	700	13.6	13.6	9,500					
Kidder	800	800	13.5	13.5	10,800					
Sheridan	1,500	1,500	12.5	12.5	18,800					
Stutsman	3,300	3,300	13.5	13.5	44,600					
Wells	7,500	7,300	10.7	11.0	80,200					
Barnes	11,500	11,100	16.4	17.0	188,700					
Cass	220,000	218,000	22.0	22.2	4,833,200					
Griggs	6,500	6,400	14.8	15.0	96,000					
Steele	30,000	29,500	20.2	20.5	604,800					
Traill	97,000	96,000	24.7	25.0	2,400,000					
Adams	200	200	10.0	10.0	2,000					
Hettinger	700	700	10.0	10.0	7,000					
Dickey	5,400	5,300	14.7	15.0	79,500					
LaMoure	8,100	7,900	13.7	14.0	110,600					
Logan	300	300	11.0	11.0	3,300					
Ransom	12,200	11,700	19.2	20.0	234,000					
Richland	197,000	195,000	26.0	26.3	5,125,200					
Sargent	7,000	6,800	17.5	18.0	122,400					
Other Counties	2,700	2,600	11.0	11.5	29,800					
STATE	750,000	740,000	22.7	23.0	17,020,000					

* 1980-82 Final, 1983 Revised, 1984 Preliminary.

SOYBEAN PLANTED ACRES
North Dakota, 1966-84



POTATOES & SUGARBEETS

POTATOES AND SUGARBEETS: Acreage, Yield and Production by Counties, North Dakota, 1980-82 (Final), 1983 (Revised) and 1984 (Preliminary)

POTATOES

District and County	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(Acres)	(Acres)	(Cwt.)	(Cwt.)	(Cwt.)
1980					
Grand Forks	25,500	25,000	125	130	3,245,000
Pembina	26,500	26,000	145	150	3,900,000
Towner	2,200	2,100	155	160	336,000
Walsh	54,000	53,300	140	140	7,462,000
Traill	4,800	4,700	120	125	588,000
Other Counties	1,000	900	150	165	149,000
STATE	114,000	112,000	140	140	15,680,000
1981					
Grand Forks	26,500	25,500	180	185	4,744,000
Pembina	28,000	27,000	175	180	4,888,000
Towner	2,100	2,000	180	190	382,000
Walsh	55,500	54,000	160	165	8,992,000
Traill	5,500	5,200	165	175	910,000
Other Counties	1,400	1,300	150	160	209,000
STATE	119,000	115,000	170	175	20,125,000
1982					
Grand Forks	27,500	27,000	155	155	4,201,000
Pembina	28,000	25,500	130	145	3,709,000
Towner	2,700	2,400	145	165	397,000
Walsh	57,000	53,500	140	150	8,049,000
Traill	5,400	5,300	135	135	718,000
Other Counties	1,400	1,300	125	135	176,000
STATE	122,000	115,000	140	150	17,250,000
1983					
Grand Forks	30,500	29,000	150	160	4,640,000
Pembina	34,000	33,000	150	155	5,115,000
Towner	2,500	2,400	155	160	384,000
Walsh	58,500	57,500	160	160	9,317,000
Traill	4,700	4,500	155	160	720,000
Other Counties	1,800	1,600	170	190	304,000
STATE	132,000	128,000	155	160	20,480,000
1984					
Grand Forks	26,800	25,000	145	155	3,875,000
Pembina	36,400	36,300	165	165	5,989,500
Towner	2,400	2,400	125	125	300,000
Walsh	62,800	62,300	150	150	9,345,500
Traill	5,000	4,500	125	140	630,000
Other Counties	2,600	2,500	185	190	475,000
STATE	136,000	133,000	150	155	20,615,000

SUGARBEETS

			(Tons)	(Tons)	(Tons)
1980					
Williams	2,900	2,900	18.4	18.4	53,500
Grand Forks	11,900	10,600	12.1	13.6	143,700
Pembina	24,900	24,100	16.8	17.3	417,400
Walsh	27,800	26,500	13.0	13.6	361,400
McKenzie	5,900	5,900	19.1	19.1	112,900
Cass	20,100	20,000	13.4	13.4	268,900
Traill	27,700	27,100	12.9	13.2	358,200
Richland	26,100	25,300	11.4	11.7	296,800
Other Counties	300	300	14.0	14.0	4,200
STATE	147,600	142,700	13.7	14.1	2,017,000
1981					
Williams	3,000	3,000	18.8	18.8	56,400
Grand Forks	12,100	12,000	18.7	18.9	226,200
Pembina	24,500	24,400	20.1	20.2	492,400
Walsh	27,200	27,100	20.8	20.8	564,400
McKenzie	6,000	6,000	20.7	20.7	123,900
Cass	20,000	20,000	16.4	16.4	328,200
Traill	26,700	26,600	19.5	19.6	521,300
Richland	25,800	25,500	14.6	14.8	377,300
Other Counties	300	300	16.3	16.3	4,900
STATE	145,600	144,900	18.5	18.6	2,695,000
1982					
Williams	3,100	3,100	20.1	20.1	62,400
Grand Forks	11,800	11,600	16.1	16.3	189,400
Pembina	25,100	24,900	17.2	17.3	431,400
Walsh	26,400	26,200	17.8	17.9	469,700
McKenzie	6,500	6,500	22.6	22.6	147,100
Cass	19,300	19,200	14.9	15.0	288,400
Steele	300	300	16.0	16.0	4,800
Traill	27,400	27,300	17.6	17.6	481,300
Richland	25,800	25,700	15.6	15.6	401,500
STATE	145,700	144,800	17.0	17.1	2,476,000
1983					
Williams	3,500	3,500	17.7	17.7	62,000
Grand Forks	10,800	10,600	18.5	18.8	199,300
Pembina	25,800	25,800	17.2	17.2	443,800
Walsh	26,300	26,300	18.5	18.5	486,600
McKenzie	6,900	6,900	20.8	20.8	143,500
Cass	17,900	17,800	14.1	14.2	252,800
Steele	300	300	12.7	12.7	3,800
Traill	26,700	26,300	16.4	16.7	439,200
Richland	24,900	24,700	15.0	15.1	373,000
STATE	143,100	142,200	16.8	16.9	2,404,000
1984					
Williams	4,000	4,000	14.4	14.4	57,600
Grand Forks	10,400	10,300	16.6	16.8	173,000
Pembina	28,600	28,500	16.6	16.7	475,800
Walsh	25,200	25,200	17.1	17.1	430,900
McKenzie	8,200	8,100	16.6	16.8	136,000
Cass	17,100	17,000	15.3	15.4	261,800
Steele	300	300	16.3	16.3	4,900
Traill	24,100	24,000	16.3	16.4	393,600
Richland	21,900	21,700	17.1	17.3	375,400
STATE	139,800	139,100	16.5	16.6	2,309,000

IRRIGATION

ALL WHEAT, SPRING WHEAT OTHER THAN DURUM, DURUM WHEAT AND BARLEY:
Acreage, Yield and Production on Irrigated Land by Counties, North Dakota, 1980 (Final)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
	ALL WHEAT					SPRING WHEAT OTHER THAN DURUM				
Divide	700	700	40.0	40.0	28,000	400	400	40.0	40.0	16,000
Ward	500	500	29.0	29.0	14,500	100	100	25.0	25.0	2,500
Williams	3,100	3,100	40.2	40.2	124,500	600	600	45.0	45.0	27,000
Benson	1,000	1,000	38.0	38.0	38,000	---	---	---	---	---
McHenry	400	400	26.0	26.0	10,400	100	100	14.0	14.0	1,400
Grand Forks	300	300	50.0	50.0	15,000	300	300	50.0	50.0	15,000
Pembina	200	200	50.0	50.0	10,000	200	200	50.0	50.0	10,000
McKenzie	4,000	3,700	41.6	45.0	166,500	3,200	2,900	40.8	45.0	130,500
McLean	2,300	2,200	30.5	31.9	70,100	700	700	36.0	36.0	25,200
Mercer	200	100	12.5	25.0	2,500	---	---	---	---	---
Foster	1,200	800	11.0	16.5	13,200	800	400	10.5	21.0	8,400
Kidder	500	500	36.6	36.6	18,300	200	200	27.0	27.0	5,400
Stutsman	200	---	---	---	---	---	---	---	---	---
Barnes	700	500	20.0	28.0	14,000	700	500	20.0	28.0	14,000
Cass	1,100	900	39.3	48.0	43,200	400	300	37.5	50.0	15,000
Griggs	900	900	34.7	34.7	31,200	500	500	40.0	40.0	20,000
Traill	300	300	50.0	50.0	15,000	300	300	50.0	50.0	15,000
Burleigh	400	400	35.0	35.0	14,000	400	400	35.0	35.0	14,000
Grant	100	100	30.0	30.0	3,000	100	100	30.0	30.0	3,000
Morton	100	100	30.0	30.0	3,000	100	100	30.0	30.0	3,000
Sioux	200	200	30.0	30.0	6,000	200	200	30.0	30.0	6,000
Dickey	700	700	46.4	46.4	32,500	200	200	50.0	50.0	10,000
LaMoure	500	500	32.8	32.8	16,400	200	200	25.0	25.0	5,000
Ransom	100	100	20.0	20.0	2,000	100	100	20.0	20.0	2,000
STATE	19,700	18,200	35.1	38.0	691,300	9,800	8,800	35.6	39.6	348,400
	DURUM WHEAT					BARLEY				
Divide	300	300	40.0	40.0	12,000	---	---	---	---	---
Ward	400	400	30.0	30.0	12,000	---	---	---	---	---
Williams	2,500	2,500	39.0	39.0	97,500	400	300	37.5	50.0	15,000
Benson	1,000	1,000	38.0	38.0	38,000	100	100	65.0	65.0	6,500
McHenry	300	300	30.0	30.0	9,000	---	---	---	---	---
McKenzie	800	800	45.0	45.0	36,000	200	200	80.0	80.0	16,000
McLean	1,600	1,500	28.1	29.9	44,900	400	400	90.0	90.0	36,000
Mercer	200	100	12.5	25.0	2,500	100	100	60.0	60.0	6,000
Oliver	---	---	---	---	---	100	100	80.0	80.0	8,000
Foster	400	400	12.0	12.0	4,800	---	---	---	---	---
Kidder	300	300	43.0	43.0	12,900	200	200	50.0	50.0	10,000
Stutsman	200	---	---	---	---	---	---	---	---	---
Cass	700	600	40.3	47.0	28,200	---	---	---	---	---
Griggs	400	400	28.0	28.0	11,200	100	100	100.0	100.0	10,000
Traill	---	---	---	---	---	100	100	100.0	100.0	10,000
Burleigh	---	---	---	---	---	200	200	70.0	70.0	14,000
Emmons	---	---	---	---	---	400	300	25.0	33.3	10,000
Morton	---	---	---	---	---	100	100	70.0	70.0	7,000
Sioux	---	---	---	---	---	100	100	20.0	20.0	2,000
Dickey	500	500	45.0	45.0	22,500	500	500	90.0	90.0	45,000
LaMoure	300	300	38.0	38.0	11,400	---	---	---	---	---
Ransom	---	---	---	---	---	200	200	60.0	60.0	12,000
STATE	9,900	9,400	34.6	36.5	342,900	3,200	3,000	64.8	69.2	207,500

IRRIGATION CONT.

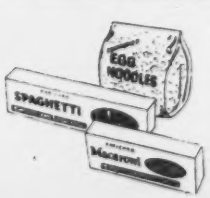
ALL WHEAT, SPRING WHEAT OTHER THAN DURUM, DURUM WHEAT AND BARLEY:
Acreage, Yield and Production on Irrigated Land by Counties, North Dakota, 1981 (Final)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
	ALL WHEAT					SPRING WHEAT OTHER THAN DURUM				
Divide	2,000	2,000	54.0	54.0	108,000	1,200	1,200	50.0	50.0	60,000
Ward	400	400	45.0	45.0	18,000	200	200	40.0	40.0	8,000
Williams	3,500	3,500	49.1	49.1	172,000	300	300	40.0	40.0	12,000
Benson	500	500	37.0	37.0	18,500	300	300	35.0	35.0	10,500
McHenry	200	200	40.0	40.0	8,000	100	100	40.0	40.0	4,000
Pierce	100	100	40.0	40.0	4,000	---	---	---	---	---
Grand Forks	200	200	50.0	50.0	10,000	200	200	50.0	50.0	10,000
Nelson	200	200	40.0	40.0	8,000	---	---	---	---	---
Dunn	100	100	40.0	40.0	4,000	100	100	40.0	40.0	4,000
McKenzie	4,300	4,300	55.0	55.0	236,500	3,600	3,600	55.0	55.0	198,000
McLean	1,600	1,600	45.0	45.0	72,000	200	200	45.0	45.0	9,000
Mercer	300	300	40.0	40.0	12,000	200	200	40.0	40.0	8,000
Oliver	100	100	40.0	40.0	4,000	100	100	40.0	40.0	4,000
Eddy	200	200	30.0	30.0	6,000	200	200	30.0	30.0	6,000
Foster	1,100	1,100	35.0	35.0	38,500	700	700	35.0	35.0	24,500
Kidder	300	300	35.0	35.0	10,500	---	---	---	---	---
Stutsman	200	200	35.0	35.0	7,000	---	---	---	---	---
Barnes	100	100	45.0	45.0	4,500	100	100	45.0	45.0	4,500
Cass	1,300	1,300	48.8	48.8	63,500	300	300	45.0	45.0	13,500
Griggs	500	500	39.0	39.0	19,500	100	100	35.0	35.0	3,500
Steele	200	200	50.0	50.0	10,000	---	---	---	---	---
Burleigh	700	700	35.0	35.0	24,500	700	700	35.0	35.0	24,500
Emmons	200	200	30.0	30.0	6,000	200	200	30.0	30.0	6,000
Grant	100	100	30.0	30.0	3,000	100	100	30.0	30.0	3,000
Dickey	600	600	41.7	41.7	25,000	200	200	35.0	35.0	7,000
LaMoure	600	600	35.0	35.0	21,000	200	200	35.0	35.0	7,000
Ransom	1,100	1,100	44.5	44.5	49,000	1,000	1,000	45.0	45.0	45,000
Sargent	400	400	40.0	40.0	16,000	400	400	40.0	40.0	16,000
STATE	21,100	21,100	46.4	46.4	979,000	10,700	10,700	45.6	45.6	488,000
	DURUM WHEAT					BARLEY				
Divide	800	800	60.0	60.0	48,000	---	---	---	---	---
Ward	200	200	50.0	50.0	10,000	100	100	45.0	45.0	4,500
Williams	3,200	3,200	50.0	50.0	160,000	100	100	40.0	40.0	4,000
Benson	200	200	40.0	40.0	8,000	100	100	50.0	50.0	5,000
McHenry	100	100	40.0	40.0	4,000	---	---	---	---	---
Pierce	100	100	40.0	40.0	4,000	---	---	---	---	---
Rolette	---	---	---	---	---	100	100	60.0	60.0	6,000
Nelson	200	200	40.0	40.0	8,000	---	---	---	---	---
McKenzie	700	700	55.0	55.0	38,500	400	400	76.0	76.0	30,400
McLean	1,400	1,400	45.0	45.0	63,000	400	400	75.0	75.0	30,000
Mercer	100	100	40.0	40.0	4,000	---	---	---	---	---
Oliver	---	---	---	---	---	100	100	65.0	65.0	6,500
Eddy	---	---	---	---	---	300	300	75.0	75.0	22,500
Foster	400	400	35.0	35.0	14,000	---	---	---	---	---
Kidder	300	300	35.0	35.0	10,500	100	100	70.0	70.0	7,000
Stutsman	200	200	35.0	35.0	7,000	---	---	---	---	---
Wells	---	---	---	---	---	400	400	73.8	73.8	29,500
Barnes	---	---	---	---	---	100	100	80.0	80.0	8,000
Cass	1,000	1,000	50.0	50.0	50,000	---	---	---	---	---
Griggs	400	400	40.0	40.0	16,000	---	---	---	---	---
Steele	200	200	50.0	50.0	10,000	---	---	---	---	---
Burleigh	---	---	---	---	---	100	100	75.0	75.0	7,500
Emmons	---	---	---	---	---	200	200	60.0	60.0	12,000
Grant	---	---	---	---	---	100	100	50.0	50.0	5,000
Morton	---	---	---	---	---	200	200	60.0	60.0	12,000
Dickey	400	400	45.0	45.0	18,000	900	900	89.0	89.0	80,100
LaMoure	400	400	35.0	35.0	14,000	---	---	---	---	---
Ransom	100	100	40.0	40.0	4,000	200	200	88.0	88.0	17,600
Sargent	---	---	---	---	---	200	200	85.0	85.0	17,000
STATE	10,400	10,400	47.2	47.2	491,000	4,100	4,100	74.3	74.3	304,600

IRRIGATION CONT.

ALL WHEAT, SPRING WHEAT OTHER THAN DURUM, DURUM WHEAT AND BARLEY:
Acreage, Yield and Production on Irrigated Land by Counties, North Dakota, 1982 (Final)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
	ALL WHEAT					SPRING WHEAT OTHER THAN DURUM				
Divide	1,300	1,300	60.4	60.4	78,500	500	500	53.0	53.0	26,500
Ward	100	100	42.0	42.0	4,200	100	100	42.0	42.0	4,200
Williams	2,800	2,800	50.0	50.0	140,000	1,300	1,300	50.0	50.0	65,000
Benson	600	600	45.0	45.0	27,000	500	500	45.0	45.0	22,500
Grand Forks	500	500	55.0	55.0	27,500	500	500	55.0	55.0	27,500
McKenzie	4,600	4,600	59.1	59.1	272,000	4,000	4,000	59.0	59.0	236,000
McLean	1,600	1,600	52.4	52.4	83,800	1,000	1,000	52.0	52.0	52,000
Mercer	200	200	45.0	45.0	9,000	200	200	45.0	45.0	9,000
Eddy	200	200	50.0	50.0	10,000	200	200	50.0	50.0	10,000
Foster	700	700	46.4	46.4	32,500	500	500	45.0	45.0	22,500
Kidder	500	500	44.0	44.0	22,000	100	100	40.0	40.0	4,000
Stutsman	200	200	50.0	50.0	10,000	100	100	50.0	50.0	5,000
Barnes	500	500	45.0	45.0	22,500	---	---	---	---	---
Cass	1,300	1,300	58.6	58.6	76,200	700	700	60.0	60.0	42,000
Griggs	800	800	45.0	45.0	36,000	300	300	40.0	40.0	12,000
Traill	100	100	55.0	55.0	5,500	---	---	---	---	---
Burleigh	500	500	35.0	35.0	17,500	500	500	35.0	35.0	17,500
Emmons	100	100	30.0	30.0	3,000	100	100	30.0	30.0	3,000
Grant	100	100	35.0	35.0	3,500	100	100	35.0	35.0	3,500
Dickey	300	300	47.0	47.0	14,100	300	300	47.0	47.0	14,100
LaMoure	1,000	1,000	47.6	47.6	47,600	400	400	50.0	50.0	20,000
Ransom	400	400	41.0	41.0	16,400	200	200	40.0	40.0	8,000
Sargent	200	200	52.0	52.0	10,400	---	---	---	---	---
STATE	18,600	18,600	52.1	52.1	969,200	11,600	11,600	52.1	52.1	604,300
	DURUM WHEAT					BARLEY				
Divide	800	800	65.0	65.0	52,000	---	---	---	---	---
Ward	---	---	---	---	---	100	100	55.0	55.0	5,500
Williams	1,500	1,500	50.0	50.0	75,000	100	100	73.0	73.0	7,300
Benson	100	100	45.0	45.0	4,500	100	100	70.0	70.0	7,000
McKenzie	600	600	60.0	60.0	36,000	400	400	74.0	74.0	29,600
McLean	600	600	53.0	53.0	31,800	200	200	85.0	85.0	17,000
Oliver	---	---	---	---	---	100	100	70.0	70.0	7,000
Eddy	---	---	---	---	---	400	400	77.0	77.0	30,800
Foster	200	200	50.0	50.0	10,000	---	---	---	---	---
Kidder	400	400	45.0	45.0	18,000	400	400	67.0	67.0	26,800
Stutsman	100	100	50.0	50.0	5,000	---	---	---	---	---
Barnes	500	500	45.0	45.0	22,500	---	---	---	---	---
Cass	600	600	57.0	57.0	34,200	---	---	---	---	---
Griggs	500	500	48.0	48.0	24,000	300	300	80.0	80.0	24,000
Traill	100	100	55.0	55.0	5,500	---	---	---	---	---
Golden Valley	---	---	---	---	---	100	100	75.0	75.0	7,500
Burleigh	---	---	---	---	---	200	200	65.0	65.0	13,000
Grant	---	---	---	---	---	100	100	40.0	40.0	4,000
Morton	---	---	---	---	---	100	100	40.0	40.0	4,000
Dickey	---	---	---	---	---	500	500	80.0	80.0	40,000
LaMoure	600	600	46.0	46.0	27,600	---	---	---	---	---
Ransom	200	200	42.0	42.0	8,400	200	200	80.0	80.0	16,000
Sargent	200	200	52.0	52.0	10,400	200	200	94.0	94.0	18,800
STATE	7,000	7,000	52.1	52.1	364,900	3,500	3,500	73.8	73.8	258,300



IRRIGATION CONT.

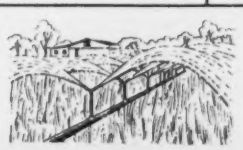
ALL WHEAT, SPRING WHEAT OTHER THAN DURUM, DURUM WHEAT AND BARLEY:
Acreage, Yield and Production on Irrigated Land by Counties, North Dakota, 1983 (Revised)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
	ALL WHEAT					SPRING WHEAT OTHER THAN DURUM				
Divide	700	700	58.0	58.0	40,600	600	600	58.0	58.0	34,800
Williams	1,700	1,700	42.0	42.0	71,400	700	700	42.0	42.0	29,400
Benson	1,100	1,100	35.0	35.0	38,500	700	700	35.0	35.0	24,500
McHenry	200	200	45.0	45.0	9,000	100	100	45.0	45.0	4,500
Grand Forks	400	400	40.3	40.3	16,100	300	300	40.0	40.0	12,000
Nelson	200	200	40.0	40.0	8,000	200	200	40.0	40.0	8,000
McKenzie	4,200	4,200	55.6	55.6	233,700	2,700	2,700	56.0	56.0	151,200
McLean	1,300	1,300	46.8	46.8	60,900	200	200	46.0	46.0	9,200
Eddy	500	500	34.0	34.0	17,000	400	400	35.0	35.0	14,000
Foster	800	800	38.8	38.8	31,000	600	600	40.0	40.0	24,000
Kidder	1,900	1,900	45.9	45.9	87,200	1,400	1,400	48.0	48.0	67,200
Stutsman	400	400	45.0	45.0	18,000	400	400	45.0	45.0	18,000
Barnes	300	300	35.0	35.0	10,500	200	200	35.0	35.0	7,000
Cass	1,900	1,900	44.7	44.7	85,000	100	100	40.0	40.0	4,000
Griggs	1,100	1,100	45.4	45.4	49,900	200	200	47.0	47.0	9,400
Steele	400	400	45.0	45.0	18,000	200	200	45.0	45.0	9,000
Burleigh	500	500	33.0	33.0	16,500	500	500	33.0	33.0	16,500
Emmons	1,700	1,700	59.4	59.4	101,000	1,600	1,600	60.0	60.0	96,000
Grant	200	200	45.0	45.0	9,000	200	200	45.0	45.0	9,000
Dickey	1,100	1,100	34.5	34.5	37,900	800	800	35.0	35.0	28,000
LaMoure	600	600	41.7	41.7	25,000	500	500	40.0	40.0	20,000
Logan	200	200	45.0	45.0	9,000	200	200	45.0	45.0	9,000
Ransom	2,000	2,000	40.0	40.0	80,000	1,000	1,000	40.0	40.0	40,000
Sargent	400	400	50.0	50.0	20,000	200	200	50.0	50.0	10,000
STATE	23,800	23,800	45.9	45.9	1,093,200	14,000	14,000	46.8	46.8	654,700
	DURUM WHEAT					BARLEY				
Divide	100	100	58.0	58.0	5,800	200	200	66.0	66.0	13,200
Williams	1,000	1,000	42.0	42.0	42,000	200	200	68.0	68.0	13,600
Benson	400	400	35.0	35.0	14,000	200	200	50.0	50.0	10,000
McHenry	100	100	45.0	45.0	4,500	---	---	---	---	---
Grand Forks	100	100	41.0	41.0	4,100	---	---	---	---	---
Nelson	---	---	---	---	---	100	100	65.0	65.0	6,500
McKenzie	1,500	1,500	55.0	55.0	82,500	600	600	82.0	82.0	49,200
McLean	1,100	1,100	47.0	47.0	51,700	300	300	85.0	85.0	25,500
Oliver	---	---	---	---	---	100	100	70.0	70.0	7,000
Eddy	100	100	30.0	30.0	3,000	100	100	50.0	50.0	5,000
Foster	200	200	35.0	35.0	7,000	---	---	---	---	---
Kidder	500	500	40.0	40.0	20,000	200	200	65.0	65.0	13,000
Stutsman	---	---	---	---	---	200	200	54.0	54.0	10,800
Barnes	100	100	35.0	35.0	3,500	---	---	---	---	---
Cass	1,800	1,800	45.0	45.0	81,000	400	400	70.0	70.0	28,000
Griggs	900	900	45.0	45.0	40,500	300	300	68.0	68.0	20,400
Steele	200	200	45.0	45.0	9,000	---	---	---	---	---
Golden Valley	---	---	---	---	---	200	200	60.0	60.0	12,000
Burleigh	---	---	---	---	---	500	500	60.0	60.0	30,000
Emmons	100	100	50.0	50.0	5,000	100	100	65.0	65.0	6,500
Grant	---	---	---	---	---	100	100	75.0	75.0	7,500
Dickey	300	300	33.0	33.0	9,900	700	700	90.0	90.0	63,000
LaMoure	100	100	50.0	50.0	5,000	100	100	65.0	65.0	6,500
Ransom	1,000	1,000	40.0	40.0	40,000	300	300	85.0	85.0	25,500
Sargent	200	200	50.0	50.0	10,000	---	---	---	---	---
STATE	9,800	9,800	44.7	44.7	438,500	4,900	4,900	72.1	72.1	353,200

IRRIGATION CONT.

ALL WHEAT, SPRING WHEAT OTHER THAN DURUM, DURUM WHEAT AND BARLEY:
Acreage, Yield and Production on Irrigated Land by Counties, North Dakota, 1984 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
	ALL WHEAT					SPRING WHEAT OTHER THAN DURUM				
Divide	1,400	1,400	63.6	63.6	89,000	800	800	67.0	67.0	53,600
Ward	100	100	45.0	45.0	4,500	---	---	---	---	---
Williams	2,300	2,300	47.4	47.4	109,100	1,400	1,400	49.0	49.0	68,600
Benson	500	500	40.2	40.2	20,100	200	200	42.0	42.0	8,400
McHenry	100	100	40.0	40.0	4,000	---	---	---	---	---
Grand Forks	400	400	70.0	70.0	28,000	400	400	70.0	70.0	28,000
Nelson	100	100	60.0	60.0	6,000	100	100	60.0	60.0	6,000
Walsh	100	100	65.0	65.0	6,500	100	100	65.0	65.0	6,500
McKenzie	4,900	4,900	62.9	62.9	308,400	4,800	4,800	63.0	63.0	302,400
McLean	1,200	1,200	54.2	54.2	65,000	1,000	1,000	55.0	55.0	55,000
Mercer	100	100	40.0	40.0	4,000	100	100	40.0	40.0	4,000
Oliver	100	100	40.0	40.0	4,000	100	100	40.0	40.0	4,000
Eddy	100	100	40.0	40.0	4,000	100	100	40.0	40.0	4,000
Foster	100	100	40.0	40.0	4,000	100	100	40.0	40.0	4,000
Kidder	1,300	1,300	44.0	44.0	57,200	1,300	1,300	44.0	44.0	57,200
Stutsman	100	100	38.0	38.0	3,800	100	100	38.0	38.0	3,800
Barnes	200	200	60.0	60.0	12,000	200	200	60.0	60.0	12,000
Cass	800	800	60.0	60.0	48,000	---	---	---	---	---
Griggs	600	600	45.0	45.0	27,000	---	---	---	---	---
Steele	200	200	50.0	50.0	10,000	200	200	50.0	50.0	10,000
Traill	100	100	65.0	65.0	6,500	100	100	65.0	65.0	6,500
Golden Valley	200	200	35.0	35.0	7,000	200	200	35.0	35.0	7,000
Emmons	600	600	60.0	60.0	36,000	600	600	60.0	60.0	36,000
Dickey	400	400	42.0	42.0	16,800	400	400	42.0	42.0	16,800
LaMoure	500	500	46.8	46.8	23,400	200	200	42.0	42.0	8,400
Ransom	500	500	56.0	56.0	28,000	300	300	60.0	60.0	18,000
STATE	17,000	17,000	54.8	54.8	932,300	12,800	12,800	56.3	56.3	720,200
	DURUM WHEAT					BARLEY				
Divide	600	600	59.0	59.0	35,400	100	100	87.0	87.0	8,700
Ward	100	100	45.0	45.0	4,500	---	---	---	---	---
Williams	900	900	45.0	45.0	40,500	200	200	64.0	64.0	12,800
Benson	300	300	39.0	39.0	11,700	200	200	93.0	93.0	18,600
McHenry	100	100	40.0	40.0	4,000	---	---	---	---	---
Nelson	---	---	---	---	---	100	100	90.0	90.0	9,000
McKenzie	100	100	60.0	60.0	6,000	300	300	78.7	78.7	23,600
McLean	200	200	50.0	50.0	10,000	300	300	87.0	87.0	26,100
Mercer	---	---	---	---	---	100	100	70.0	70.0	7,000
Oliver	---	---	---	---	---	100	100	70.0	70.0	7,000
Eddy	---	---	---	---	---	300	300	100.0	100.0	30,000
Foster	---	---	---	---	---	100	100	100.0	100.0	10,000
Kidder	---	---	---	---	---	300	300	70.0	70.0	21,000
Cass	800	800	60.0	60.0	48,000	200	200	100.0	100.0	20,000
Griggs	600	600	45.0	45.0	27,000	---	---	---	---	---
Golden Valley	---	---	---	---	---	200	200	80.0	80.0	16,000
Emmons	---	---	---	---	---	100	100	80.0	80.0	8,000
Morton	---	---	---	---	---	100	100	80.0	80.0	8,000
Dickey	---	---	---	---	---	500	500	107.2	107.2	53,600
LaMoure	300	300	50.0	50.0	15,000	---	---	---	---	---
Logan	---	---	---	---	---	100	100	80.0	80.0	8,000
Ransom	200	200	50.0	50.0	10,000	300	300	68.0	68.0	20,400
STATE	4,200	4,200	50.5	50.5	212,100	3,600	3,600	85.5	85.5	307,800



IRRIGATION CONT.

CORN: Acreage, Yield and Production on Irrigated Land
by Counties, North Dakota, 1982 (Final), 1983 (Revised) and 1984 (Preliminary)

County	1982			1983			1984		
	Acres Harvested	Yield per Harvested Acre	Production	Acres Harvested	Yield per Harvested Acre	Production	Acres Harvested	Yield per Harvested Acre	Production
	(Acres)	(Bu.)	(Bu.)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Bu.)	(Bu.)
CORN FOR GRAIN									
Ward	400	86.0	34,400	---	---	---	200	88.0	17,600
Benson	1,500	82.2	123,000	500	77.0	38,500	1,300	92.0	119,600
McHenry	1,400	72.0	100,800	300	75.0	22,500	1,400	91.0	127,400
Pierce	100	80.0	8,000	---	---	---	---	---	---
Rolette	---	---	---	100	77.0	7,700	---	---	---
Grand Forks	900	85.0	76,500	600	80.0	48,000	1,100	80.0	88,000
Nelson	100	35.0	3,500	100	75.0	7,500	200	80.0	16,000
Ramsey	---	---	---	100	70.0	7,000	100	90.0	9,000
McKenzie	---	---	---	200	100.0	20,000	200	101.0	20,200
McLean	600	102.0	61,200	900	100.0	90,000	1,600	95.0	152,000
Mercer	700	92.0	64,400	100	120.0	12,000	200	80.5	16,100
Oliver	---	---	---	100	100.0	10,000	100	85.0	8,500
Eddy	300	52.0	15,600	500	94.0	47,000	700	104.0	72,800
Foster	1,000	80.0	80,000	700	95.0	66,500	1,800	80.0	144,000
Kidder	4,400	115.0	506,000	2,000	120.0	240,000	4,400	94.0	413,600
Sheridan	200	90.0	18,000	---	---	---	---	---	---
Stutsman	1,500	115.0	172,500	1,200	85.0	102,000	1,400	78.0	109,200
Wells	---	---	---	---	---	---	200	75.0	15,000
Barnes	400	108.0	43,200	900	100.0	90,000	1,500	81.0	121,500
Cass	5,400	101.0	545,400	4,700	100.0	470,000	7,200	115.0	828,000
Griggs	900	73.0	65,700	700	85.0	59,500	1,000	86.0	86,000
Steele	1,300	90.0	117,000	800	100.0	80,000	1,400	100.0	140,000
Traill	400	110.0	44,000	100	105.0	10,500	200	85.0	17,000
Golden Valley	---	---	---	200	60.0	12,000	300	85.0	25,500
Burleigh	900	86.0	77,400	200	100.0	20,000	500	93.0	46,500
Emmons	1,800	110.0	198,000	1,200	115.0	138,000	2,100	127.0	266,700
Grant	400	87.0	34,800	500	115.0	57,500	600	82.0	49,200
Morton	800	81.0	64,800	300	100.0	30,000	100	100.0	10,000
Dickey	9,300	131.0	1,218,300	5,600	115.0	644,000	9,200	130.0	1,196,000
LaMoure	2,700	119.0	321,300	2,000	110.0	220,000	2,900	108.0	313,200
Logan	500	60.0	30,000	600	100.0	60,000	700	94.0	65,800
Ransom	12,100	123.0	1,488,300	8,600	115.0	989,000	13,100	115.0	1,506,500
Richland	700	120.0	84,000	900	100.0	90,000	1,200	102.0	122,400
Sargent	5,500	110.0	605,000	4,800	115.0	552,000	8,400	127.0	1,066,800
STATE	56,200	110.3	6,201,100	39,500	107.4	4,241,200	65,300	110.1	7,190,100
CORN FOR SILAGE									
	(Acres)	(Ton)	(Ton)	(Acres)	(Ton)	(Ton)	(Acres)	(Ton)	(Ton)
Divide	100	17.0	1,700	200	19.0	3,800	200	17.0	3,400
Ward	---	---	---	300	18.0	5,400	300	15.0	4,500
Williams	500	25.0	12,500	300	15.7	4,700	200	12.0	2,400
McHenry	300	20.0	6,000	200	15.0	3,000	400	10.0	4,000
Pierce	---	---	---	---	---	---	200	12.0	2,400
Rolette	100	18.0	1,800	100	15.0	1,500	200	15.0	3,000
Grand Forks	100	13.0	1,300	100	18.0	1,800	---	---	---
Nelson	---	---	---	---	---	---	100	15.0	1,500
Walsh	100	13.0	1,300	---	---	---	---	---	---
Dunn	100	20.0	2,000	100	18.0	1,800	100	16.0	1,600
McKenzie	1,400	20.0	28,000	1,000	18.5	18,500	1,300	16.0	20,800
McLean	1,100	20.5	22,600	300	20.0	6,000	900	18.0	16,200
Mercer	800	20.0	16,000	500	19.6	9,800	1,300	16.5	21,450
Oliver	800	20.0	16,000	1,500	21.0	31,500	700	16.0	11,200
Eddy	---	---	---	---	---	---	200	10.0	2,000
Foster	500	15.0	7,500	---	---	---	---	---	---
Kidder	700	16.0	11,200	800	15.0	12,000	500	9.0	4,500
Sheridan	100	20.0	2,000	---	---	---	100	9.0	900
Stutsman	500	15.0	7,500	600	13.0	7,800	800	15.5	12,400
Barnes	---	---	---	300	15.0	4,500	200	8.0	1,600
Cass	200	15.0	3,000	---	---	---	---	---	---
Griggs	500	14.0	7,000	300	18.0	5,400	600	18.0	10,800
Steele	100	15.0	1,500	200	18.0	3,600	---	---	---
Traill	---	---	---	---	---	---	100	10.0	1,000
Golden Valley	300	16.0	4,800	100	16.0	1,600	---	---	---
Stark	100	16.0	1,600	---	---	---	100	12.0	1,200
Burleigh	900	17.0	15,300	600	14.0	8,400	700	16.0	11,200
Emmons	1,000	13.0	13,000	300	16.0	4,800	900	19.5	17,550
Grant	300	13.0	3,900	500	17.6	8,800	200	14.0	2,800
Morton	400	17.0	6,800	1,200	16.0	19,200	1,000	15.0	15,000
Sioux	300	12.0	3,600	200	14.0	2,800	400	14.0	5,600
Dickey	200	14.0	2,800	---	---	---	400	22.0	8,800
LaMoure	100	15.0	1,500	100	18.0	1,800	100	15.0	1,500
Logan	400	18.0	7,200	200	18.0	3,600	200	18.0	3,600
Ransom	1,700	14.0	23,800	500	18.0	9,000	500	13.0	6,500
Sargent	---	---	---	400	16.0	6,400	200	15.0	3,000
STATE	13,700	17.0	233,200	10,900	17.2	187,500	13,100	15.5	202,400

SUMMER FALLOW

Land Summer Fallowed by Counties, North Dakota, 1980-84

District and County	Total Acres Summer Fallowed				
	1980	1981	1982	1983	1984
	Acres				
Burke	185,000	170,000	185,000	175,000	170,000
Divide	250,000	235,000	230,000	230,000	210,000
Mountrail	265,000	250,000	240,000	230,000	210,000
Renville	170,000	145,000	130,000	165,000	130,000
Ward	300,000	240,000	230,000	280,000	230,000
Williams	370,000	330,000	355,000	330,000	340,000
Northwest	1,540,000	1,370,000	1,370,000	1,410,000	1,290,000
Benson	150,000	110,000	120,000	165,000	140,000
Bottineau	285,000	190,000	215,000	250,000	210,000
McHenry	165,000	135,000	120,000	130,000	130,000
Pierce	125,000	90,000	75,000	115,000	90,000
Rolette	95,000	75,000	70,000	90,000	80,000
North Central	820,000	600,000	600,000	750,000	650,000
Cavalier	165,000	110,000	110,000	235,000	205,000
Grand Forks	80,000	65,000	60,000	115,000	100,000
Nelson	105,000	85,000	70,000	130,000	105,000
Pembina	55,000	55,000	55,000	110,000	95,000
Ramsey	170,000	135,000	140,000	160,000	140,000
Towner	165,000	100,000	105,000	160,000	130,000
Walsh	140,000	70,000	70,000	150,000	125,000
Northeast	880,000	620,000	610,000	1,060,000	900,000
Dunn	110,000	95,000	125,000	110,000	115,000
McKenzie	205,000	140,000	165,000	145,000	170,000
McLean	305,000	250,000	240,000	270,000	235,000
Mercer	74,000	85,000	75,000	80,000	75,000
Oliver	36,000	40,000	35,000	35,000	35,000
West Central	730,000	610,000	640,000	640,000	630,000
Eddy	35,000	35,000	25,000	45,000	30,000
Foster	57,000	35,000	45,000	75,000	60,000
Kidder	63,000	35,000	40,000	55,000	50,000
Sheridan	130,000	105,000	85,000	85,000	80,000
Stutsman	180,000	115,000	130,000	240,000	190,000
Wells	135,000	95,000	105,000	160,000	130,000
Central	600,000	420,000	430,000	660,000	540,000
Barnes	74,000	55,000	80,000	190,000	120,000
Cass	25,000	10,000	45,000	145,000	110,000
Griggs	55,000	50,000	40,000	90,000	65,000
Steele	36,000	30,000	35,000	95,000	55,000
Traill	30,000	15,000	20,000	70,000	50,000
East Central	220,000	160,000	220,000	590,000	400,000
Adams	142,000	110,000	85,000	100,000	90,000
Billings	39,000	35,000	30,000	30,000	40,000
Bowman	133,000	130,000	120,000	115,000	125,000
Golden Valley	99,000	80,000	90,000	80,000	80,000
Hettinger	230,000	190,000	180,000	200,000	165,000
Slope	113,000	125,000	115,000	100,000	120,000
Stark	174,000	160,000	160,000	145,000	140,000
Southwest	930,000	830,000	780,000	770,000	760,000
Burleigh	125,000	75,000	85,000	105,000	105,000
Emmons	68,000	65,000	50,000	115,000	85,000
Grant	111,000	95,000	125,000	100,000	90,000
Morton	128,000	95,000	100,000	120,000	95,000
Sioux	38,000	30,000	30,000	30,000	25,000
South Central	470,000	360,000	390,000	470,000	400,000
Dickey	22,000	25,000	40,000	70,000	60,000
LaMoure	68,000	70,000	60,000	135,000	95,000
Logan	70,000	55,000	50,000	85,000	65,000
McIntosh	55,000	45,000	40,000	85,000	60,000
Ransom	19,000	15,000	20,000	70,000	50,000
Richland	14,000	10,000	30,000	50,000	50,000
Sargent	12,000	10,000	20,000	55,000	50,000
Southeast	260,000	230,000	260,000	550,000	430,000
STATE	6,450,000	5,200,000	5,300,000	6,900,000	6,000,000

STORAGE CAPACITY

Commercial Grain Storage Capacity by Counties, North Dakota, January 1, 1980-85 1/

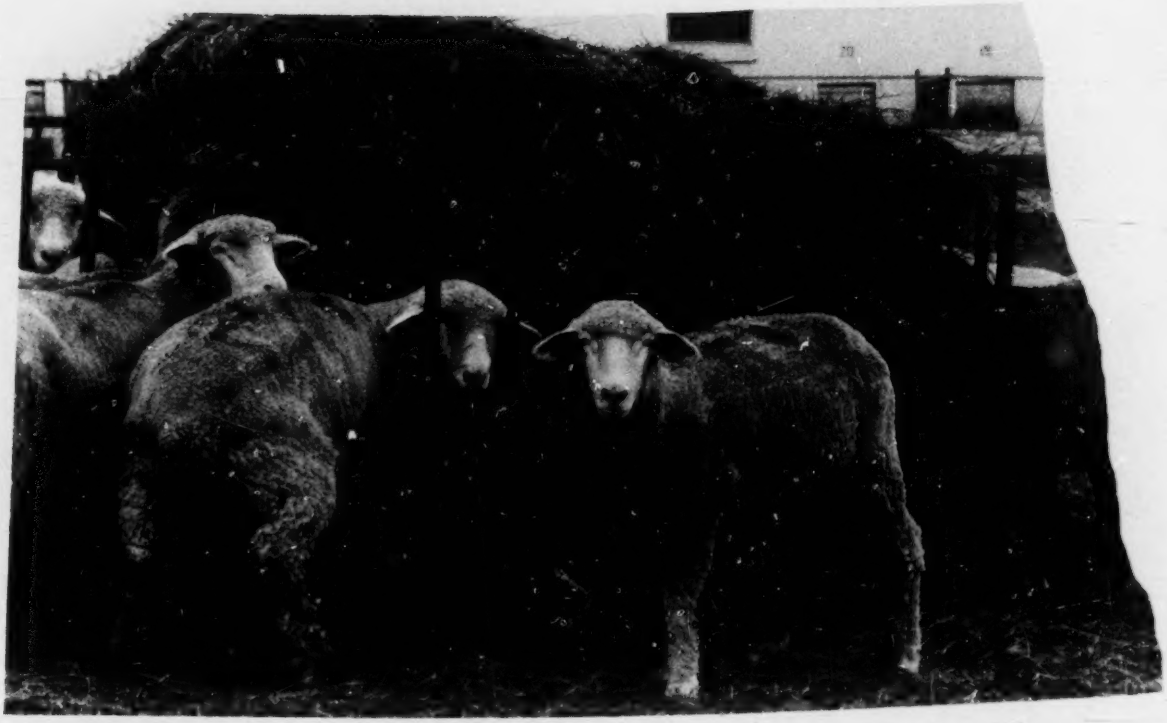
District and County	1980	1981	1982	1983	1984	1985	
						Houses	Capacity
	- - - - - - - - - - Thousand Bushels - - - - - - - - - -					-No.-	-000 Bu.-
Burke	993	1,021	983	732	907	7	980
Divide	1,514	1,515	1,504	1,535	1,575	8	1,792
Mountrail	2,747	2,712	2,765	2,686	2,756	12	2,821
Renville	1,542	1,380	1,390	1,402	1,665	8	1,626
Ward	6,026	6,739	6,650	7,585	7,324	16	7,333
Williams	3,056	3,293	3,234	3,139	3,243	15	3,092
Northwest	15,878	16,660	16,526	17,079	17,470	66	17,644
Benson	2,446	2,679	2,753	2,894	2,824	13	3,003
Bottineau	2,990	3,431	3,313	3,571	4,568	14	4,530
McHenry	2,560	2,898	2,903	2,967	6,329	13	6,497
Pierce	897	992	974	895	1,210	4	1,233
Rolette	775	834	890	798	750	4	887
North Central	9,668	10,834	10,833	11,125	15,681	48	16,150
Cavalier	2,484	2,549	2,473	2,473	2,495	19	2,675
Grand Forks	13,982	14,567	14,732	14,555	15,769	28	15,498
Nelson	3,185	3,437	3,507	4,239	3,898	12	4,187
Pembina	2,902	2,918	3,043	3,236	3,517	19	3,597
Ramsey	4,067	4,103	4,066	3,964	4,335	21	4,643
Towner	2,385	2,332	2,270	2,385	2,378	10	2,414
Walsh	4,485	5,014	4,967	4,887	5,921	17	5,954
Northeast	33,490	34,920	35,058	35,739	38,313	126	38,968
Dunn	779	779	780	746	822	4	731
McKenzie	1,493	1,505	1,368	1,390	1,423	7	1,534
McLean	3,706	4,392	4,055	3,948	4,166	11	4,387
Mercer	1,281	1,230	1,232	1,119	1,310	4	1,237
Oliver	---	---	---	---	---	--	---
West Central	7,259	7,906	7,435	7,203	7,721	26	7,889
Eddy	855	853	905	905	928	5	943
Foster	4,187	5,392	5,105	5,594	5,839	8	4,598
Kidder	836	815	815	798	1,175	6	953
Sheridan	910	860	870	875	930	5	1,158
Stutsman	14,165	15,435	15,056	15,043	15,299	16	16,206
Wells	2,693	3,194	3,255	3,629	3,961	14	3,830
Central	23,646	26,549	26,006	26,844	28,132	54	27,688
Barnes	5,435	5,810	6,840	6,383	6,911	19	6,652
Cass	10,216	10,601	10,736	11,098	20,135	45	20,804
Griggs	1,720	2,131	2,138	2,191	2,246	10	2,342
Steele	1,556	1,853	1,877	1,743	1,755	6	2,097
Traill	4,347	4,243	4,264	4,840	5,350	13	5,854
East Central	23,274	24,638	25,855	26,255	36,397	93	37,749
Adams	1,697	1,643	1,528	1,657	1,600	5	1,625
Billings	---	---	---	---	---	--	---
Bowman	2,374	2,404	2,482	2,505	2,415	5	2,478
Golden Valley	910	910	911	890	1,071	6	1,138
Hettinger	1,760	1,885	1,817	1,927	2,024	9	1,992
Slope	---	---	---	---	---	--	---
Stark	3,271	3,383	3,285	3,522	3,317	9	3,487
Southwest	10,012	10,225	10,023	10,501	10,427	34	10,720
Burleigh	1,833	1,532	1,526	1,526	1,590	6	1,590
Emmons	1,330	1,326	1,332	1,348	1,366	8	1,549
Grant	982	966	970	1,029	1,097	7	988
Morton	2,073	2,024	2,015	1,952	1,927	10	1,938
Sioux	170	172	180	200	219	2	220
South Central	6,388	6,020	6,023	6,055	6,199	33	6,285
Dickey	2,573	2,711	2,733	2,847	3,385	9	3,173
LaMoure	2,934	3,074	3,049	3,027	3,072	13	3,212
Logan	1,491	1,419	1,394	1,441	1,366	6	1,396
McIntosh	959	1,240	1,489	1,556	1,119	7	1,252
Ransom	1,101	1,070	1,055	1,465	4,349	7	4,330
Richland	5,594	5,361	5,389	5,448	5,870	23	6,109
Sargent	1,973	2,183	2,244	2,250	3,299	13	3,585
Southeast	16,625	17,058	17,353	18,034	22,460	78	23,057
STATE 2/	146,240	154,810	155,112	158,835	---	--	---
STATE 3/	---	---	---	173,530	182,800	558	186,150

1/ 1980-83 Final, 1984 Revised, 1985 Preliminary. 2/ Excludes sunflower facilities. 3/ Includes sunflower facilities.

LIVESTOCK

DAIRY

POULTRY



NORTH DAKOTA LIVESTOCK

CATTLE

Cattle and calves on farms and ranches January 1, 1985, totaled 2.05 million head, down 2 percent from January 1984, but equal the 1983 total. The number of cows, bulls and calves declined from last year's levels, while all other classes increased. Beef cow numbers fell 3 percent, and the number of dairy cows were down 2 percent. The 1984 calf crop of 1,050,000 head was up 2 percent. There were 18,500 cattle operations during 1984, a 3 percent drop from 1983.

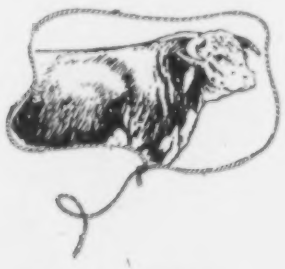
HOGS

The December 1, 1984 hog and pig inventory totaled 255,000, down 2 percent from 1983, the second lowest hog and pig inventory in North Dakota. Hogs kept for breeding, at 31,000, was down 6 percent from last year and also a record low. The number of market hogs fell 1 percent, to 224,000. There were 3,000 hog operations in 1984, up from 2,800 in 1983.

SHEEP

A total of 215,000 sheep and lambs were on farms January 1, 1985, down 2 percent from the previous year. This is the lowest inventory of sheep since January 1, 1979 when there were 198,000. Stock sheep and lamb numbers were unchanged from the previous year at 165,000 head.

Wool production dropped 13 percent from 1983. The number of sheep shorn fell ten percent and the average weight per fleece of 9.2 pounds was below the 9.5 in 1983. The value of wool production increased 19 percent to total $1,155,000.



Livestock Inventory
North Dakota, January 1, 1976-85

Year	All Cattle	All Hogs 1/	All Sheep	All Chickens 1/
	- - - Thousand Head - - -			
1976	2,380	350	231	662
1977	2,235	330	236	640
1978	2,050	320	213	600
1979	1,967	335	198	560
1980	2,000	370	236	520
1981	1,850	265	272	460
1982	2,000	280	280	500
1983	2,050	210	222	510
1984	2,100	260	219	625
1985	2,050	255	215	635

1/ Relates to December 1 previous year.

DAIRY & POULTRY

Milk production for 1984 was 1,036 million pounds, down 5 percent from 1983, the first yearly decline following four consecutive years of increase. Average milk per cow as 10,360 pounds, down 5 percent from the record high of 10,900 pounds in 1983. An average 100,000 cows were on farms during 1984, unchanged from 1983.

Farm value of the milk produced in 1984 was $127.4 million, down 6 percent from 1983. The average price was $12.30 per hundredweight, 20 cents below 1983.

Chicken inventory on December 1, 1984 totaled 635,000, up 2 percent from the previous year. Number of laying age was down 14 percent from December 1983. Total value of chickens on December 1, 1984 at $1,334,000 was up 7 percent from December 1983. Egg production rose 1 million from 1983 to total 120 million eggs.

Number of Livestock Farms by Specie and Number of All Farms, North Dakota, 1975-84

Year	All Cattle	Milk Cows	Hogs	All Sheep	All Farms
			- - - Thousand - - -		
1975	26.0	7.0	5.0	2.3	42.0
1976	24.5	6.0	5.1	2.0	41.5
1977	24.0	5.5	5.0	1.9	41.0
1978	22.0	5.1	4.8	1.8	41.0
1979	22.0	4.8	4.5	1.8	40.5
1980	21.0	4.2	4.0	2.1	40.0
1981	20.0	4.2	3.6	2.1	38.5
1982	19.2	4.0	2.8	2.2	37.0
1983	19.0	3.9	2.8	2.0	36.5
1984	18.5	3.7	3.0	2.1	36.0

Commercial Livestock Slaughter
North Dakota, 1980-84

Year	Number	Average Liveweight Per Head	Total Liveweight	Red Meat Production
	(000 Hd.)	(Lbs.)	(000 Lbs.)	(000 Lbs.)
		CATTLE		
1980	134.5	1,051	141,435	NA
1981	165.7	1,060	175,693	NA
1982	170.0	1,071	182,003	NA
1983	159.0	1,083	172,142	NA
1984	182.3	1,065	194,125	NA
		HOGS		
1980	50.7	234	11,859	NA
1981	57.6	240	13,818	NA
1982	49.3	228	11,214	NA
1983	70.2	218	15,301	NA
1984	78.4	214	16,806	NA
		ALL SPECIES		
1980	186.5	NA	153,568	81,215
1981	224.7	NA	189,806	103,220
1982	220.6	NA	193,481	103,127
1983	230.6	NA	187,696	100,742
1984	262.1	NA	211,191	112,679

NA - Not Available

LIVESTOCK VALUES: North Dakota, January 1, 1980-85

Species	Value Per Head						Total Value					
	1980	1981	1982	1983	1984	1985	1980	1981	1982	1983	1984	1985
	- - - - - Dollars - - - - -						- - - - - Thousand Dollars - - - - -					
All Cattle	535.00	510.00	430.00	420.00	420.00	415.00	1,070,000	943,500	860,000	861,000	882,000	850,750
All Hogs 1/	55.50	65.50	58.50	94.00	64.00	75.50	20,535	17,358	16,380	19,740	16,640	19,253
All Sheep	95.50	70.00	54.50	47.00	48.00	55.00	22,538	19,040	15,260	10,434	10,512	11,825
All Chickens 1/	1.45	2.20	2.20	1.80	2.00	2.10	754	1,012	1,100	918	1,250	1,334

1/ Relates to December 1 previous year.

CATTLE

Cattle Inventory Numbers, North Dakota, Specified Dates, 1980-85

Class	1980		1981		1982	1983	1984	1985
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	Jan. 1	Jan. 1
	- - - - - - Thousand Head - - - - - -							
ALL CATTLE	2,000	2,420	1,850	2,420	2,000	2,050	2,100	2,050
Cows & Heifers that have calved	1,055	1,098	1,003	1,092	1,070	1,100	1,092	1,061
Beef	962	1,005	910	997	978	1,005	993	964
Milk	93	93	93	95	92	95	99	97
Heifers over 500 lbs.	232	198	218	217	233	239	269	297
Beef Replacement	140	130	120	129	130	130	145	148
Milk Replacement	22	22	22	19	21	25	26	29
Other	70	46	76	69	82	84	98	120
Steers over 500 lbs.	143	127	148	123	160	162	189	195
Bulls over 500 lbs.	50	48	46	48	50	49	52	49
Steers, Heifers & Bulls under 500 lbs.	520	949	435	940	487	500	498	448

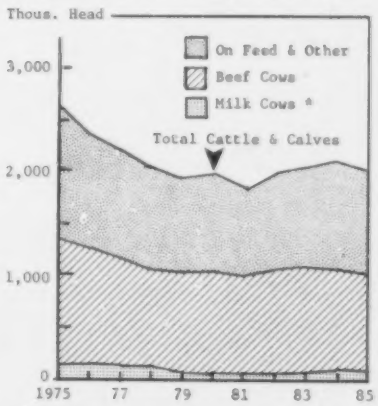
CATTLE: Production, Disposition & Income, North Dakota, 1979-84

Item	Unit	1979	1980	1981	1982	1983	1984
Number on Hand Beginning of Yr.	000 Head	1,967	2,000	1,850	2,000	2,050	2,100
Calves Born	000 Head	1,040	1,060	1,050	1,020	1,030	1,050
Inshipments	000 Head	53	50	52	64	81	80
Marketings:							
Cattle	000 Head	587	760	573	612	666	748
Calves	000 Head	349	411	305	322	313	335
Total	000 Head	936	1,171	878	934	979	1,083
Farm Slaughter	000 Head	9	10	6	6	7	6
Deaths:							
Cattle	000 Head	25	19	18	22	20	21
Calves	000 Head	90	60	50	72	55	70
Total	000 Head	115	79	68	94	75	91
Number on Hand End of Year	000 Head	2,000	1,850	2,000	2,050	2,100	2,050
Production	000 Lbs.	742,590	823,080	797,980	759,610	819,470	836,260
Marketings	000 Lbs.	739,440	929,250	698,920	744,940	805,080	891,130
Price/100 Lbs.:							
Cattle	Dollars	67.70	61.10	55.30	52.30	52.90	52.70
Calves	Dollars	88.60	78.20	63.10	60.10	62.80	62.30
All Classes	Dollars	71.15	63.75	56.49	53.44	54.20	53.92
Cash Receipts	000 Dols.	526,130	592,370	394,791	398,105	436,379	480,520
Value of Home Consumption	000 Dols.	12,611	13,023	8,072	6,551	7,292	7,156
Gross Income	000 Dols.	538,741	605,393	402,863	404,656	443,671	487,676

HISTORIC CATTLE INVENTORY NUMBERS, North Dakota, January 1, 1976-85

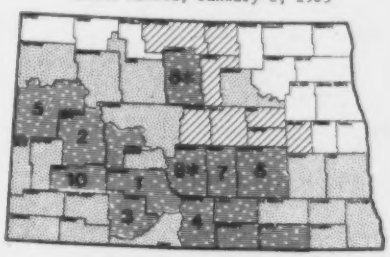
Year	Cows That Have Calved		On Feed	Other	Total Cattle & Calves
	Beef	Dairy			
	- - - - - Thousand Head - - - - -				
1976	1,156	113	36	1,075	2,380
1977	1,065	108	35	1,027	2,235
1978	976	104	33	937	2,050
1979	962	96	34	875	1,967
1980	962	93	39	906	2,000
1981	910	93	37	810	1,850
1982	978	92	36	894	2,000
1983	1,005	95	39	911	2,050
1984	993	99	35	973	2,100
1985	964	97	38	951	2,050

CATTLE ON FARMS
North Dakota, January 1, 1975-85



*Includes dairy replacement heifers.

DISTRIBUTION OF ALL CATTLE BY COUNTIES, North Dakota, January 1, 1985



Less than 20,000 hd.

20,000 - 29,999 hd.

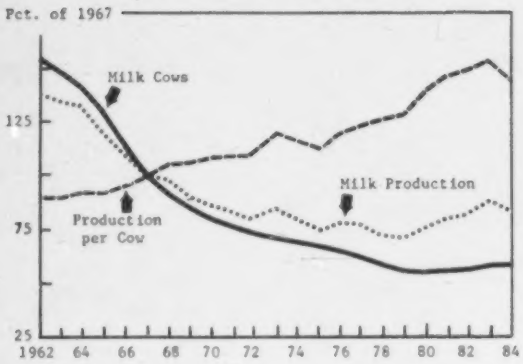
30,000 - 49,999 hd.

50,000 hd. & over

* Denotes tie in rankings.

DAIRY

Index of Milk Production, Number of Milk Cows and Milk per Cow North Dakota, 1962-84 (1967=100)



MILK: Production, Disposition & Income, North Dakota, 1979-1984

Item	Unit	1979	1980	1981	1982	1983	1984
Average Number of Milk Cows on Farms	000 Head	95	93	94	95	100	100
Production of Milk and Milkfat							
a) Per Cow, Milk	Pounds	9,200	10,097	10,585	10,737	10,900	10,360
b) Per Cow, Milkfat	Pounds	329	360	379	390	395	375
c) Percent of fat in Milk	Percent	3.58	3.57	3.58	3.63	3.62	3.62
d) Total:							
Milk	Mil. Lbs.	874	939	995	1,020	1,090	1,036
Milkfat	Mil. Lbs.	31.3	33.5	35.6	37.0	39.5	37.5
Milk Used on Farms Where Produced							
a) Fed to Calves	Mil. Lbs.	26	23	23	23	23	37
b) Used for milk cream & butter	Mil. Lbs.	14	12	12	12	12	9
c) Total	Mil. Lbs.	40	35	35	35	35	46
Milk Marketed by Farmers							
Sold to plants and dealers as whole milk 1/	Mil. Lbs.	830	904	960	985	1,055	990
Percent fluid grade	Percent	42	43	43	47	47	47
Combined Marketing of Milk and Cream							
a) Milk utilized	Mil. Lbs.	834	904	960	985	1,055	990
b) Average returns							
1. Per 100 lbs. of milk	Dollars	11.06	11.80	12.60	12.50	12.50	12.30
2. Per lb. of milkfat	Dollars	3.09	3.31	3.52	3.44	3.45	3.40
c) Cash Receipts from marketing	000 Dols.	92,267	106,672	120,960	123,125	131,875	121,770
Used for Milk, Cream and Butter on Farms Where Produced							
a) Milk utilized	Mil. Lbs.	14	12	12	12	12	9
b) Value	000 Dols.	1,549	1,416	1,512	1,500	1,500	1,107
Gross Producer Income 2/	000 Dols.	93,816	108,088	122,472	124,625	133,375	122,877
Farm Value of Milk Produced	000 Dols.	96,693	110,802	125,370	127,500	136,250	127,428

1/ Includes small amount of farm skimmed cream and milk and cream retailed directly to consumer by producers.
2/ Cash receipts plus value of milk used for home consumption.

DAIRY CONT.

MANUFACTURED DAIRY PRODUCTS PRODUCTION, NORTH DAKOTA, 1979-1984

Item	Unit	1979	1980	1981	1982	1983	1984
Butter	000 Lbs.	6,496	6,701	5,988	5,254	5,005	4,893
American Cheese	000 Lbs.	44,952	48,186	51,706	49,859	55,553	52,418
Cottage Cheese Creamed	000 Lbs.	3,108	3,506	3,903	3,612	3,012	2,627
Lowfat Cottage Cheese	000 Lbs.	1,513	1,971	2,607	2,553	3,158	3,482
Non-Fat Dry Milk: Human Food	000 Lbs.	5,498	4,900	5,660	8,234	8,421	5,502
Dry Buttermilk	000 Lbs.	512	766	535	391	383	224
Ice Cream	000 Gals.	2,379	2,459	2,256	2,225	2,269	2,233
Ice Milk	000 Gals.	989	987	1,045	900	1,213	964
Milk Sherbet	000 Gals.	122	122	219	181	172	183
Ice Cream Mix	000 Gals.	1,191	1,229	1,126	1,098	873	859
Ice Milk Mix	000 Gals.	461	426	436	400	723	747
Milk Sherbet Mix	000 Gals.	80	82	136	114	108	112

Source: See table below.

MILK, AMERICAN CHEESE AND BUTTER PRODUCTION, North Dakota, by Months, 1979-84

Item	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg. 1/
		- - - - - - - - - - Thousand Head - - - - - - - - - -												
No. Cows Milked	1979	97	96	96	95	95	95	94	94	93	93	93	93	95
	1980	93	93	93	93	93	93	93	93	93	93	93	93	93
	1981	94	94	94	94	95	95	95	94	93	92	92	92	94
	1982 *	94	94	94		95			95			95		95
	1983	96	96	98	101	101	103	103	102	102	102	102	99	100
	1984	99	99	98	99	101	102	100	100	101	99	99	98	100
		- - - - - - - - - - Pounds - - - - - - - - - -												
Prod. per Cow	1979	715	690	780	810	900	950	910	815	670	650	635	710	9,200
	1980	770	750	850	910	990	980	970	860	760	770	710	760	10,097
	1981	850	790	910	980	1,060	1,060	1,030	870	760	750	720	820	10,585
	1982 *	870	810	950		3,110			2,720			2,320		10,737
	1983	870	840	950	960	1,050	1,070	1,010	900	800	790	760	830	10,900
	1984	870	850	930	940	1,010	1,000	940	830	730	750	750	810	10,360
		- - - - - - - - - - Million Pounds - - - - - - - - - -												
Total Milk Prod.	1979	69	66	75	77	86	90	86	77	62	61	59	66	874
	1980	72	70	79	85	92	91	90	80	71	72	66	71	939
	1981	80	74	86	92	101	101	98	82	71	69	66	75	995
	1982 *	82	76	89		295			258			220		1,020
	1983	84	81	93	106	106	110	104	92	82	81	78	82	1,090
	1984	86	84	91	93	102	102	94	83	74	74	74	79	1,036
		- - - - - - - - - - Thousand Pounds - - - - - - - - - -												
American Cheese	1979	3,521	3,222	3,788	3,958	4,452	4,786	4,641	3,920	3,316	3,085	3,012	3,251	44,952
	1980	3,695	3,587	3,962	4,406	4,641	4,687	4,828	4,363	3,870	3,470	3,164	3,513	48,186
	1981	3,765	3,674	4,197	4,622	5,353	5,843	5,289	4,412	3,605	3,416	3,440	4,090	51,706
	1982 *	3,991	3,660	4,363		14,393			12,991			10,461		49,859
	1983	4,038	3,821	4,521	4,957	5,510	5,990	5,604	4,812	4,181	3,971	3,830	4,318	55,553
	1984	4,254	3,932	4,506	4,764	5,220	5,227	5,101	4,160	3,650	3,673	3,796	4,135	52,418
Butter	1979	626	607	635	639	698	640	538	511	387	415	426	374	6,496
	1980	505	472	525	573	703	666	605	450	513	541	524	624	6,701
	1981	707	648	741	681	631	444	440	466	271	300	346	313	5,988
	1982 *	410	436	501		1,406			1,225			1,276		5,254
	1983	461	397	464	410	429	426	409	415	358	362	475	399	5,005
	1984	453	346	361	400	523	426	424	374	304	381	420	481	4,893

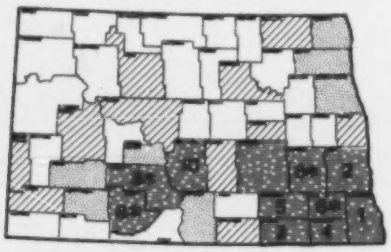
* Quarterly estimates made in 1982. Source: N.D. State Dairy Commissioner and N.D. Crop and Livestock Reporting Service.

HOGS

Hog and Pig Inventory Numbers, North Dakota, Specified Dates, 1979-1984

Class	1979		1980		1981		1982		1983		1984	
	June 1	Dec. 1	June 1	Dec. 1	June 1	Dec. 1	Dec. 1		Dec. 1		Dec. 1	
	- - - - - - - Thousand Head - - - - - - -											
ALL HOGS & PIGS	330	370	330	265	300	280	210		260		255	
Kept for Breeding	58	56	48	40	44	40	34		33		31	
Market	272	314	282	225	256	240	176		227		224	
Market Hogs & Pigs												
Under 60 Lbs.	145	104	140	83	142	72	58		75		85	
60-119 Lbs.	57	78	62	56	56	81	50		63		68	
120-179 Lbs.	41	69	46	45	31	58	36		51		40	
180 Lbs. & Over	29	63	34	41	27	29	32		38		31	
	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
PIG CROP												
Sows Farrowed	35	38	34	28	33	32	28	23	30	28	27	26
Pigs per Litter	7.3	7.4	7.2	7.5	7.2	7.4	7.1	7.4	7.7	7.3	8.0	7.6
Pig Crop	256	281	245	210	238	237	199	170	231	204	216	198

DISTRIBUTION OF ALL HOGS BY COUNTIES,
North Dakota, December 1, 1984



Less than 2,500 hd.
2,500 - 4,999 hd.
5,000 - 7,499 hd.
7,500 hd. & over

* Denotes tie in rankings.

HOGS: Production, Disposition & Income, North Dakota, 1979-84

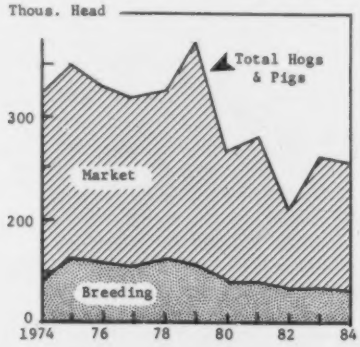
Item	Unit	1979	1980	1981	1982	1983	1984
Number on Hand Beginning of Yr. 1/	000 Head	335	370	265	280	210	260
Pig Crop	000 Head	537	455	475	369	435	414
Inshipments	000 Head	16	15	10	16	17	15
Marketings	000 Head	457	510	408	403	365	402
Farm Slaughter	000 Head	16	15	12	7	7	7
Deaths	000 Head	45	50	50	45	30	25
Number on Hand End of Yr.	000 Head	370	265	280	210	260	255
Production	000 Lbs.	109,581	96,859	91,425	75,483	81,554	76,925
Marketings	000 Lbs.	95,605	105,518	85,100	80,875	74,345	77,645
Price/100 Lbs.	Dollars	40.80	35.00	40.80	48.60	43.00	44.00
Cash Receipts	000 Dols.	39,801	37,989	35,785	40,680	32,472	34,887
Value of Home Consumption	000 Dols.	3,835	2,591	2,301	1,565	1,385	1,417
Gross Income	000 Dols.	43,636	40,580	38,086	42,245	33,857	36,304

1/ December 1 preceding year.

HISTORIC HOG INVENTORY NUMBERS
North Dakota, December 1, 1975-84

Year	Breeding	Market	Total	Year	Breeding	Market	Total
	- - - - - Thousand Head - - - - -						
1975	61	289	350	1980	40	225	265
1976	59	271	330	1981	40	240	280
1977	54	266	320	1982	34	176	210
1978	61	274	335	1983	33	227	260
1979	56	314	370	1984	31	224	255

HOGS AND PIGS ON FARMS
North Dakota, December 1, 1974-84

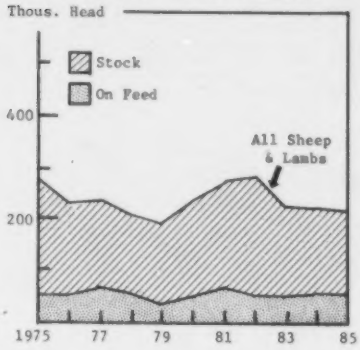


SHEEP

SHEEP: Inventory Numbers, North Dakota, January 1, 1980-85

Class	1980	1981	1982	1983	1984	1985
	- - - - - - Thousand Head - - - - - -					
All Sheep & Lambs	236	272	280	222	219	215
Number on Feed	46	62	50	47	54	50
Total Stock Sheep	190	210	230	175	165	165
Ewes 1 year plus	135	153	165	138	134	140
Ewe Lambs	39	39	46	25	21	15
Wether & Ram Lambs	10	11	12	7	5	5
Rams & Wether 1 year plus	6	7	7	5	5	5

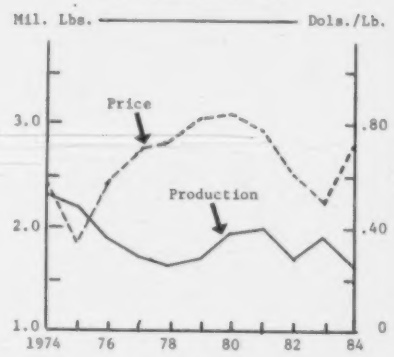
SHEEP AND LAMBS ON FARMS
North Dakota, January 1, 1975-85



SHEEP & LAMBS
Production, Disposition & Income, North Dakota, 1979-84

Item	Unit	1979	1980	1981	1982	1983	1984
Number on Hand Beginning of Yr.	000 Head	198	236	272	280	222	219
Lambs Saved	000 Head	143	173	196	190	170	180
Inshipments	000 Head	22	14	13	14	18	17
Marketings:							
Sheep	000 Head	7	14	21	74	23	95
Lambs	000 Head	80	96	139	145	134	151
Total	000 Head	87	110	160	219	157	246
Farm Slaughter	000 Head	1	1	1	1	1	1
Deaths:							
Sheep	000 Head	19	20	20	17	15	17
Lambs	000 Head	20	20	20	25	18	22
Total	000 Head	39	40	40	42	33	39
Number on Hand End of Year	000 Head	236	272	280	222	219	215
Production	000 Lbs.	11,694	14,353	16,522	14,871	13,950	14,281
Marketings	000 Lbs.	8,387	10,782	15,742	22,941	15,510	15,438
Price/100 Lbs.:							
Sheep	Dollars	24.50	24.60	16.80	13.80	13.80	12.60
Lambs	Dollars	68.20	61.90	48.90	48.00	50.60	57.80
All Classes	Dollars	63.65	55.84	43.55	34.21	43.78	54.32
Cash Receipts	000 Dols.	5,338	6,021	6,855	7,848	6,790	8,386
Value of Home Consumption	000 Dols.	143	129	102	100	101	121
Gross Income	000 Dols.	5,481	6,150	6,957	7,948	6,891	8,507
WOOL							
Sheep Shorn	000 Head	175	212	215	180	200	180
Production	000 Lbs.	1,704	1,989	2,025	1,701	1,905	1,650
Fleece Weight	Pounds	9.7	9.4	9.4	9.5	9.5	9.2
Price/Lb.	Dollars	82	84	79	61	51	70
Value of Production	000 Dols.	1,397	1,671	1,604	1,038	972	1,155

WOOL PRODUCTION AND PRICE,
North Dakota, 1974-84



HISTORIC SHEEP INVENTORY NUMBERS
North Dakota, January 1, 1976-85

Year	On Feed	Stock Sheep	Total
	- - 000 Head - -		
1976	53	178	231
1977	62	174	236
1978	48	165	213
1979	38	160	198
1980	46	190	236
1981	62	210	272
1982	50	230	280
1983	47	175	222
1984	54	165	219
1985	50	165	215

POULTRY & HONEY

Chicken Inventory by Class, North Dakota, December 1, 1979-84

Class	1979	1980	1981	1982	1983	1984
	- - Thousand Head - -					
ALL CHICKENS	520	460	500	510	625	635
Laying Age	440	375	420	402	583	500
Hens	260	230	210	241	125	215
Pullets	180	145	210	161	458	285
Other	80	85	80	108	42	135

EGG PRODUCTION
Average Number of Layers and Total Egg Production by Quarters, North Dakota, 1980-84

Quarter	Average Number of Layers				
	1980	1981	1982	1983	1984 1/
	(000 Layers)				
Dec.*-Feb.	430	393	420	400	537
Mar.-May	405	400	423	457	487
June-Aug.	390	388	409	520	492
Sept.-Nov.	383	403	398	553	500
Annual	402	396	413	483	504
	Eggs Produced				
	(Mil. Eggs)				
Dec.*-Feb.	23	21	26	24	32
Mar.-May	23	23	27	30	29
June-Aug.	23	22	26	32	29
Sept.-Nov.	21	23	23	33	30
Annual	90	89	102	119	120

1/ Preliminary. *December preceding year.

POULTRY: Production, Disposition & Income, North Dakota, 1980-84

Item	Unit	1980	1981	1982	1983	1984
CHICKENS						
Raised	000 Birds	950	1,000	850	770	720
Lost	000 Birds	200	190	180	150	170
Produced	000 Birds	750	810	670	620	550
Consumed on Farms	000 Birds	250	240	200	105	100
Sold	000 Birds	560	530	460	400	440
Lbs. Produced	000 Lbs.	3,042	3,315	2,681	2,666	2,142
Consumed on Farms	000 Lbs.	950	912	760	399	380
Price/Lb.	Cents	4.0	7.0	6.0	7.0	8.0
Cash Receipts	000 Dols.	94	156	116	118	148
Value of Chickens Consumed	000 Dols.	38	64	46	28	30
Gross Income	000 Dols.	132	220	162	146	178
EGGS						
Number of Layers During Year	000 Birds	402	396	413	483	504
Eggs per Layer	Number	224	225	247	246	238
Eggs Produced	Mil. Eggs	90	89	102	119	120
Eggs Consumed on Farms	Mil. Eggs	6	6	6	6	6
Eggs Sold	Mil. Eggs	84	83	96	113	114
Price/Dozen	Cents	36.0	39.0	37.0	53.0	66.0
Cash Receipts	000 Dols.	2,520	2,698	2,960	4,991	6,270
Value of Eggs Consumed on Farms	000 Dols.	180	195	185	265	330
Gross Income	000 Dols.	2,700	2,893	3,145	5,256	6,600
TURKEYS						
Number Raised 1/	000 Head	940	1,050	930	760	870
Production	000 Lbs.	16,920	19,635	16,740	14,136	17,052
Price/Lb.	Cents	47.0	36.0	39.0	32.0	44.0
Gross Income	000 Dols.	7,952	7,069	6,529	4,524	7,503

1/Based on turkeys hatched September 1 to August 31. Excludes young turkeys lost.

Colonies of Bees, Honey and Beeswax Production and Prices, North Dakota, 1977-82

Year	Honey						Beeswax		
	Colonies	Yield Per Colony	Production	Price Per Pound	Total Value	Stocks On Hand	Production	Price Per Pound	Total Value
	(000)	(Lbs.)	(000 Lbs.)	(Dollars)	(000 Dols)	(000 Lbs.)	(000 Lbs.)	(Dollars)	(000 Dols)
1977	136	88	11,968	.490	5,864	1,077	168	1.63	274
1978	160	128	20,480	.471	9,646	2,600	348	1.81	630
1979	190	120	22,800	.519	11,833	3,648	365	1.83	668
1980	220	65	14,300	.528	7,550	2,145	257	1.95	501
1981	265	87	23,055	.550	12,680	5,994	369	1.99	734
1982	----- Estimates Discontinued -----								

ALL CATTLE

All Cattle Inventory, North Dakota, January 1

District and County	Number on Farms					
	1980	1981	1982	1983	1984	1985
	- - - - Number of Head - - - -					
Burke	15,000	15,000	16,000	16,000	15,000	14,000
Divide	16,000	15,000	15,000	16,000	15,000	15,000
Mountrail	36,000	34,000	34,000	37,000	37,000	35,000
Renville	9,000	9,000	9,000	9,000	9,000	9,000
Ward	41,000	36,000	40,000	44,000	42,000	40,000
Williams	37,000	32,000	30,000	33,000	32,000	31,000
Northwest	154,000	141,000	144,000	155,000	150,000	144,000
Benson	30,000	29,000	31,000	35,000	34,000	32,000
Bottineau	22,000	21,000	21,000	22,000	21,000	20,000
McHenry	66,000	62,000	65,000	73,000	76,000	72,000
Pierce	28,000	27,000	29,000	30,000	29,000	29,000
Rolette	23,000	22,000	24,000	25,000	25,000	24,000
North Central	169,000	161,000	170,000	185,000	185,000	177,000
Cavalier	11,000	10,000	10,000	10,000	10,000	10,000
Grand Forks	18,000	15,000	15,000	17,000	15,000	15,000
Nelson	16,000	16,000	17,000	18,000	18,000	17,000
Pembina	11,000	10,000	10,000	11,000	10,000	10,000
Ramsey	9,000	8,000	9,000	9,000	9,000	9,000
Towner	6,000	7,000	9,000	8,000	8,000	8,000
Walsh	20,000	19,000	20,000	20,000	19,000	18,000
Northeast	91,000	85,000	90,000	93,000	89,000	87,000
Dunn	94,000	86,000	88,000	91,000	95,000	94,000
McKenzie	78,000	74,000	84,000	85,000	85,000	77,000
McLean	47,000	45,000	50,000	51,000	53,000	49,000
Mercer	48,000	41,000	42,000	46,000	50,000	50,000
Oliver	34,000	35,000	36,000	36,000	39,000	40,000
West Central	301,000	281,000	300,000	309,000	322,000	310,000
Eddy	23,000	21,000	20,000	21,000	21,000	21,000
Foster	29,000	26,000	29,000	24,000	21,000	20,000
Kidder	74,000	70,000	77,000	73,000	74,000	75,000
Sheridan	31,000	29,000	31,000	32,000	30,000	29,000
Stutsman	74,000	70,000	71,000	75,000	75,000	76,000
Wells	30,000	28,000	30,000	30,000	31,000	29,000
Central	261,000	244,000	258,000	255,000	252,000	250,000
Barnes	36,000	32,000	34,000	33,000	34,000	34,000
Cass	31,000	27,000	29,000	31,000	31,000	31,000
Griggs	21,000	20,000	20,000	23,000	23,000	23,000
Steele	7,000	7,000	7,000	7,000	7,000	7,000
Traill	9,000	9,000	8,000	8,000	7,000	6,000
East Central	104,000	95,000	98,000	102,000	102,000	101,000
Adams	34,000	30,000	29,000	34,000	37,000	39,000
Billings	31,000	28,000	33,000	31,000	33,000	35,000
Bowman	35,000	30,000	29,000	34,000	37,000	37,000
Golden Valley	27,000	28,000	24,000	29,000	31,000	30,000
Hettinger	28,000	25,000	29,000	30,000	31,000	30,000
Slope	30,000	27,000	26,000	31,000	33,000	31,000
Stark	59,000	52,000	60,000	61,000	67,000	68,000
Southwest	244,000	220,000	230,000	250,000	269,000	270,000
Burleigh	65,000	60,000	79,000	75,000	79,000	72,000
Emmons	64,000	62,000	73,000	73,000	77,000	78,000
Grant	66,000	62,000	72,000	73,000	80,000	81,000
Morton	104,000	96,000	108,000	109,000	110,000	109,000
Sioux	33,000	30,000	33,000	35,000	38,000	35,000
South Central	332,000	310,000	365,000	365,000	384,000	375,000
Dickey	68,000	60,000	64,000	60,000	60,000	59,000
LaMoure	45,000	39,000	44,000	42,000	42,000	42,000
Logan	56,000	52,000	66,000	62,000	64,000	61,000
McIntosh	48,000	47,000	52,000	53,000	57,000	58,000
Ransom	39,000	34,000	36,000	37,000	37,000	34,000
Richland	42,000	39,000	43,000	45,000	48,000	45,000
Sargent	46,000	42,000	40,000	37,000	39,000	37,000
Southeast	344,000	313,000	345,000	336,000	347,000	336,000
STATE	2,000,000	1,850,000	2,000,000	2,050,000	2,100,000	2,050,000

MILK COWS

Milk Cow Inventory, North Dakota, January 1

District and County	Number on Farms					
	1980	1981	1982	1983	1984	1985
	- - - - Number of Head - - - -					
Burke	700	600	600	400	300	300
Divide	300	200	200	200	200	200
Mountrail	1,200	1,400	1,400	1,300	1,400	1,300
Renville	600	700	700	600	700	700
Ward	2,000	1,900	1,600	2,100	2,100	2,000
Williams	600	600	500	400	300	300
Northwest	5,400	5,400	5,000	5,000	5,000	4,800
Benson	1,500	1,700	1,700	1,600	1,700	1,800
Bottineau	900	800	600	500	400	400
McHenry	2,600	2,800	2,900	3,200	3,800	3,600
Pierce	2,500	2,500	2,500	2,300	2,100	2,000
Rolette	600	700	700	600	600	600
North Central	8,100	8,500	8,400	8,200	8,600	8,400
Cavalier	400	300	300	300	300	300
Grand Forks	900	1,000	1,000	1,100	1,100	1,000
Nelson	1,000	1,100	1,100	1,100	1,000	1,000
Pembina	200	200	200	200	200	200
Ramsey	500	400	400	400	500	600
Towner	200	300	400	300	300	300
Walsh	1,000	1,000	1,000	800	800	800
Northeast	4,200	4,300	4,400	4,200	4,200	4,200
Dunn	1,700	1,900	1,900	1,600	1,600	1,700
McKenzie	400	500	400	400	500	500
McLean	2,100	2,300	2,600	2,300	2,400	2,300
Mercer	1,400	1,600	1,600	1,400	1,700	1,600
Oliver	2,100	2,200	2,200	2,400	2,600	2,400
West Central	7,700	8,500	8,700	8,100	8,800	8,500
Eddy	700	700	600	700	700	800
Foster	700	500	500	400	400	400
Kidder	2,800	3,000	2,900	3,400	3,100	3,000
Sheridan	1,700	1,800	1,700	1,700	1,600	1,500
Stutsman	4,700	4,800	4,200	5,200	4,900	4,800
Wells	1,700	1,700	1,500	1,700	1,500	1,500
Central	12,300	12,500	11,400	13,100	12,200	12,000
Barnes	1,600	1,500	1,600	1,500	1,600	1,600
Cass	1,000	1,100	1,000	800	900	900
Griggs	1,100	1,100	1,100	1,200	1,200	1,200
Steele	200	200	200	200	200	200
Traill	900	600	500	300	300	300
East Central	4,800	4,500	4,400	4,000	4,200	4,200
Adams	700	500	500	500	500	500
Billings	400	300	300	400	500	500
Bowman	400	400	400	400	300	300
Golden Valley	700	700	900	1,000	1,000	1,000
Hettinger	2,000	2,000	2,000	2,700	2,800	2,900
Slope	800	700	700	500	500	500
Stark	5,100	4,900	4,500	4,300	4,600	4,700
Southwest	10,100	9,500	9,300	9,800	10,200	10,400
Burleigh	2,500	2,500	2,400	2,300	2,500	2,600
Emmons	5,900	6,100	6,400	7,300	7,800	8,000
Grant	3,700	3,800	4,000	4,600	4,900	4,500
Morton	7,700	7,600	7,000	7,400	8,200	7,600
Sioux	900	900	1,000	1,100	1,300	1,300
South Central	20,700	20,900	20,800	22,700	24,700	24,000
Dickey	2,500	2,300	2,500	2,100	2,200	2,100
LaMoure	3,900	3,600	3,700	4,000	4,000	3,900
Logan	3,700	3,700	3,800	4,300	4,600	4,400
McIntosh	4,500	4,500	4,700	4,500	5,100	5,200
Ransom	1,300	1,200	1,200	1,200	1,200	1,100
Richland	2,100	2,000	2,000	2,300	2,500	2,400
Sargent	1,700	1,600	1,700	1,500	1,500	1,400
Southeast	19,700	18,900	19,600	19,900	21,100	20,500
STATE	93,000	93,000	92,000	95,000	99,000	97,000

HOGS

Hog & Pig Inventory, North Dakota, December 1

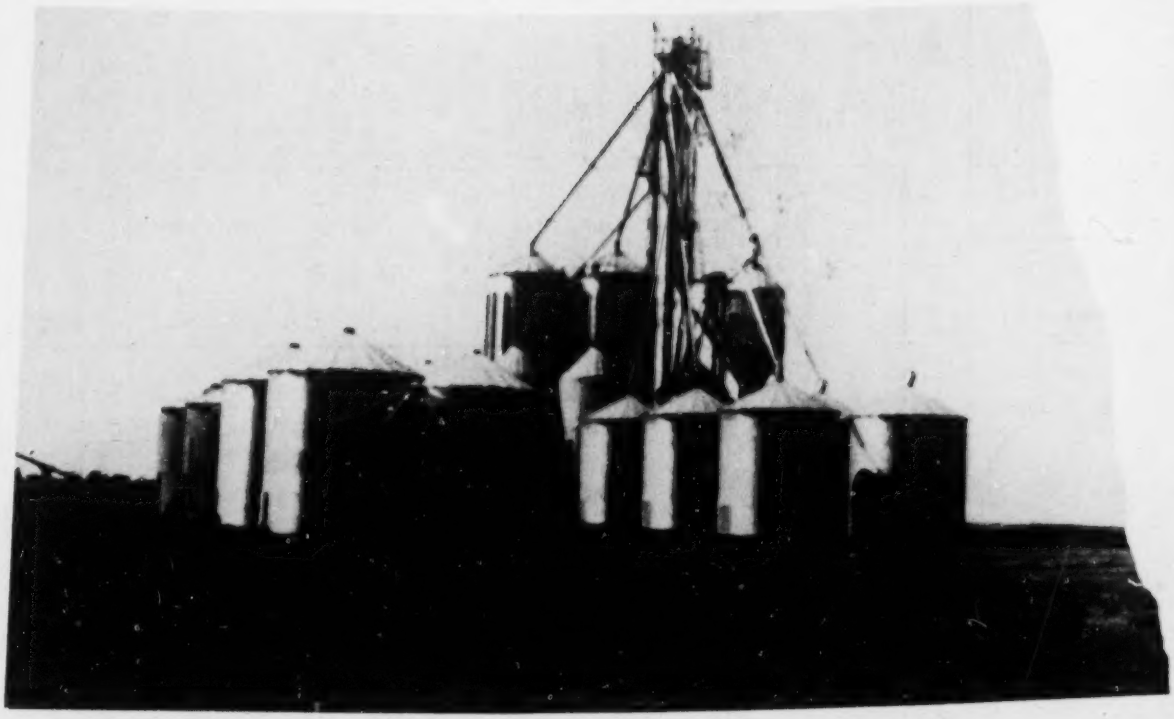
District and County	Number on Farms					
	1979	1980	1981	1982	1983	1984
	- - - - Number of Head - - - -					
Burke	1,000	700	500	400	400	500
Divide	2,600	2,000	1,800	1,400	1,500	1,500
Mountrail	1,400	1,100	1,200	900	1,200	1,500
Renville	1,000	700	600	600	600	600
Ward	3,900	3,000	2,400	2,400	2,400	2,800
Williams	2,200	1,500	1,500	1,300	1,600	1,500
Northwest	12,100	9,000	8,000	7,000	7,700	8,400
Benson	5,100	3,000	2,300	2,100	2,700	2,500
Bottineau	2,700	1,700	1,100	1,100	1,300	1,200
McHenry	5,500	3,800	3,400	1,900	2,000	1,600
Pierce	1,100	900	900	400	600	600
Rolette	2,800	2,000	1,200	1,000	1,200	1,000
North Central	17,200	11,400	8,900	6,500	7,800	6,900
Cavalier	5,900	4,700	4,700	3,500	3,200	3,000
Grand Forks	5,900	5,100	5,300	4,900	5,400	5,800
Nelson	3,700	2,500	2,600	2,200	2,200	2,000
Pembina	8,600	6,700	7,300	7,000	8,200	7,400
Ramsey	2,100	1,600	2,100	2,000	1,900	1,800
Towner	2,300	2,000	1,600	1,500	1,700	1,500
Walsh	7,400	6,400	7,200	5,900	6,600	6,000
Northeast	35,900	29,000	30,800	27,000	29,200	27,500
Dunn	5,600	3,400	2,600	2,100	2,800	3,000
McKenzie	2,000	1,500	1,500	1,500	1,800	1,900
McLean	5,500	3,800	3,700	2,300	3,100	2,800
Mercer	3,000	1,900	1,700	1,100	1,600	1,500
Oliver	6,300	4,600	5,500	4,200	5,700	5,300
West Central	22,400	15,200	15,000	11,200	15,000	14,500
Eddy	1,400	1,000	1,000	900	800	800
Foster	3,700	2,900	3,500	3,000	3,500	3,300
Kidder	4,200	2,500	3,100	2,300	3,200	3,400
Sheridan	2,200	1,400	1,300	1,200	1,200	1,100
Stutsman	10,700	6,100	7,200	5,500	7,200	7,800
Wells	3,100	2,000	2,400	2,000	2,100	2,100
Central	25,300	15,900	18,500	14,900	18,000	18,500
Barnes	15,600	11,900	13,500	7,600	11,500	10,000
Cass	27,400	21,500	23,400	18,600	19,500	18,500
Griggs	3,200	2,600	2,400	1,500	1,600	1,500
Steele	1,600	1,200	1,200	800	800	700
Traill	6,300	5,200	6,800	4,300	4,600	4,800
East Central	54,100	42,400	47,300	32,800	38,000	35,500
Adams	2,900	2,000	1,700	1,500	2,000	1,900
Billings	500	300	300	300	400	400
Bowman	2,100	1,700	2,000	1,500	1,900	2,000
Golden Valley	5,700	5,000	4,400	2,700	3,800	3,300
Hettinger	9,400	7,700	9,100	5,800	5,800	6,000
Slope	3,800	2,900	3,400	2,600	3,500	3,300
Stark	10,400	7,800	6,600	4,100	5,600	5,600
Southwest	34,800	27,400	27,500	18,500	23,000	22,500
Burleigh	12,300	7,700	8,400	6,400	9,900	8,200
Emmons	10,000	5,600	5,400	5,500	6,000	5,600
Grant	16,500	11,000	12,200	8,700	11,600	11,000
Morton	15,800	11,100	11,400	8,400	12,000	10,000
Sioux	2,000	1,500	1,600	1,200	1,500	1,400
South Central	56,600	36,900	39,000	30,200	41,000	36,200
Dickey	21,000	14,800	15,800	13,000	16,000	18,000
LaMoure	13,400	9,700	10,400	8,000	11,000	13,000
Logan	2,500	1,700	2,200	1,300	2,000	2,000
McIntosh	4,900	3,800	3,000	1,700	2,600	3,000
Ransom	14,300	9,600	11,400	6,700	9,500	11,000
Richland	36,600	24,500	26,500	19,000	23,000	23,000
Sargent	18,900	13,700	15,700	12,200	16,200	15,000
Southeast	111,600	77,800	85,000	61,900	80,300	85,000
STATE	370,000	265,000	280,000	210,000	260,000	255,000

SHEEP

Sheep Inventory, North Dakota, January 1

District and County	Number on Farms					
	1980	1981	1982	1983	1984	1985
	- - - - Number of Head - - - -					
Burke	2,700	3,100	3,300	3,600	3,800	4,000
Divide	2,000	2,200	2,300	2,300	2,500	2,600
Mountrail	4,100	5,100	6,400	3,600	3,500	3,200
Renville	1,000	1,200	1,100	400	400	400
Ward	4,200	5,200	5,100	5,600	5,400	5,000
Williams	4,400	5,400	6,800	9,500	10,400	9,800
Northwest	18,400	22,200	25,000	25,000	26,000	25,000
Benson	2,600	3,200	2,900	2,100	2,000	1,800
Bottineau	3,500	4,000	3,500	2,400	1,900	1,700
McHenry	3,900	4,700	5,300	4,700	4,400	4,000
Pierce	1,700	2,200	2,200	1,200	1,100	1,100
Rolette	3,100	3,900	3,600	2,600	2,600	2,400
North Central	14,800	18,000	17,500	13,000	12,000	11,000
Cavalier	1,200	1,400	1,500	1,100	700	500
Grand Forks	3,000	3,100	3,400	2,900	2,900	3,100
Nelson	3,000	3,300	3,500	2,200	2,000	2,200
Pembina	2,000	2,100	2,200	1,300	1,200	1,100
Ramsey	1,700	1,800	1,900	1,200	1,300	1,200
Towner	2,800	2,900	3,000	4,200	4,400	4,000
Walsh	1,300	1,400	1,500	1,100	1,000	900
Northeast	15,000	16,000	17,000	14,000	13,500	13,000
Dunn	3,000	3,100	3,200	2,200	2,200	2,200
McKenzie	20,000	20,400	18,000	13,800	14,500	15,700
McLean	2,500	3,000	2,900	2,900	2,600	2,500
Mercer	1,700	1,900	1,900	1,200	1,000	1,000
Oliver	2,300	2,500	2,500	2,900	3,200	3,100
West Central	29,500	30,900	28,500	23,000	23,500	24,500
Eddy	6,100	6,300	6,800	5,800	5,100	4,600
Foster	4,000	5,200	5,700	3,100	3,000	2,800
Kidder	11,000	11,800	12,500	7,800	8,000	8,000
Sheridan	1,000	1,300	1,400	700	700	600
Stutsman	8,700	11,100	11,700	7,700	7,500	7,500
Wells	5,000	5,200	5,200	3,900	3,700	3,500
Central	35,800	40,900	43,300	29,000	28,000	27,000
Barnes	4,900	6,200	5,800	4,700	4,500	5,000
Cass	9,100	11,700	12,000	9,700	8,500	8,500
Griggs	2,400	3,100	2,900	2,500	2,300	2,500
Steele	3,500	4,000	4,000	3,000	2,800	3,100
Traill	2,000	2,100	2,100	1,100	900	900
East Central	21,900	27,100	26,800	21,000	19,000	20,000
Adams	6,900	8,500	9,300	11,200	11,700	11,000
Billings	300	400	400	400	500	500
Bowman	23,000	26,800	27,400	25,500	26,200	26,400
Golden Valley	2,800	3,600	4,000	4,000	3,700	3,700
Hettinger	1,600	2,000	2,100	1,100	1,100	1,200
Slope	3,000	3,700	3,900	3,800	4,000	3,600
Stark	4,100	5,100	4,400	4,000	3,800	3,600
Southwest	41,700	50,100	51,500	50,000	51,000	50,000
Burleigh	3,900	4,700	5,100	1,900	2,100	2,200
Emmons	1,500	1,900	2,000	1,300	1,500	1,400
Grant	8,600	8,800	10,400	5,400	5,200	5,000
Morton	7,000	7,700	7,600	5,400	5,200	4,800
Sioux	1,000	1,300	1,300	2,000	2,000	2,100
South Central	22,000	24,400	26,400	16,000	16,000	15,500
Dickey	9,300	10,400	11,600	9,100	9,200	9,000
LaMoure	6,600	8,000	8,000	6,000	5,800	5,400
Logan	2,600	3,000	3,300	2,500	2,400	2,500
McIntosh	3,200	3,900	4,000	2,200	1,900	1,900
Ransom	7,500	7,700	7,900	4,100	3,800	3,400
Richland	2,500	3,100	3,200	3,500	3,300	3,000
Sargent	5,200	6,300	6,000	3,600	3,600	3,800
Southeast	36,900	42,400	44,000	31,000	30,000	29,000
STATE	236,000	272,000	280,000	222,000	219,000	215,000

PRICES



NORTH DAKOTA PRICES

Prices averaged 4 percent higher for all farm commodities during 1984 than averages for 1983. This is based on the Index of Prices Received for All Farm Products which averaged 144 percent of its 1977 base. The high for the Index was 160 in 1980 with averages of 157 in 1974 and 154 in 1981. In 1983, it averaged 139.

The All Crops Index for 1984, at 143, was 5 percent above the average for 1983 while the All Livestock and Products Index remained at 148.

Prices received by farmers for the 1984 crop marketing season averaged lower than a year earlier for all major crops except oats and hay. The season average price for spring wheat fell 6 percent, while barley and sunflower fell 11 and 14 percent respectively. Average prices for other crops ranged from 23 percent lower for soybeans to 9 percent higher for hay.

Annual average prices for livestock and livestock products during 1984 ranged from a 13 percent decrease for replacement milk cows to a 38 percent increase for turkeys. Prices for hogs, lambs, chickens, eggs and wool were up, while average prices for beef and milk cows, calves, sheep and wholesale milk were lower. Prices for steers and heifers were unchanged.

Season average prices for crops are computed by weighting monthly sales by the estimated percentage of sales made each month during the marketing year. These prices include allowances for unredeemed loans and government purchases, if any. Calendar year averages are simple averages of the monthly prices listed.

Annual average prices for livestock are computed by weighting monthly prices by the estimated percentage of the calendar year sales made each month.

Prices received by farmers relate to the average price the farmer received for his product, generally at the point of first sale. The average price concept is the same as dividing the total dollars received by all farms by the total quantity of the commodity sold. Milk is an exception and is priced F.O.B. plant or receiving station.

Prices for all small grains, soybeans, dry edible beans, corn and sunflower are collected from a probability sample of mills and elevators, and are based on sales for the entire month. These prices reflect actual purchases, and include any premiums or discounts paid. Prices for potatoes and milk are also based on an entire month average. Livestock prices for beef cattle, sheep and hogs are collected in a similar manner, and reflect actual sales of livestock through auctions, dealers and commission firms.

MONTHLY AND AVERAGE PRICES RECEIVED BY NORTH DAKOTA FARMERS
FOR SELECTED CROPS, NORTH DAKOTA, 1983-84 1/

Commodity	Year 2/	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Cal.Yr. Avg. 3/
		------Dollars per Bushel------												
All Wheat	1983	3.30	3.27	3.49	3.78	3.85	3.85	3.82	3.88	3.85	3.78	3.78	3.60	3.69
	1984	3.64	3.57	3.68	3.81	3.84	3.83	3.69	3.63	3.37	3.44	3.47	3.51	3.62
Other Spring Wheat	1983	3.34	3.30	3.52	3.76	3.77	3.77	3.74	3.74	3.65	3.64	3.61	3.44	3.61
	1984	3.54	3.54	3.63	3.76	3.85	3.83	3.68	3.50	3.51	3.47	3.48	3.42	3.60
Durum Wheat	1983	3.19	3.18	3.45	3.83	3.93	4.00	3.95	4.11	4.08	4.01	3.97	3.81	3.79
	1984	3.80	3.62	3.85	3.90	3.82	3.84	3.72	3.86	3.79	3.73	3.75	3.68	3.78
Oats	1983	1.18	1.19	1.20	1.29	1.31	1.22	1.23	1.25	1.30	1.32	1.36	1.38	1.27
	1984	1.48	1.42	1.47	1.49	1.60	1.58	1.50	1.35	1.35	1.43	1.45	1.50	1.47
All Barley	1983	1.62	1.70	1.71	1.96	2.02	1.95	1.92	1.99	2.17	2.24	2.30	2.27	1.99
	1984	2.27	2.23	2.31	2.38	2.41	2.42	2.18	1.88	1.89	1.90	1.91	1.90	2.14
Barley, Feed	1983	1.44	1.48	1.57	1.78	1.78	1.69	1.82	1.94	2.11	2.15	2.18	2.18	1.84
	1984	2.20	2.19	2.16	2.23	2.31	2.31	2.11	1.81	1.82	1.83	1.83	1.84	2.05
Barley, Malting	1983	1.65	1.73	1.74	1.99	2.07	1.96	1.94	2.03	2.26	2.33	2.39	2.39	2.04
	1984	2.34	2.29	2.37	2.45	2.46	2.49	2.19	1.96	1.97	1.96	1.96	1.94	2.20
Rye	1983	1.82	1.80	1.62	1.82	1.54	1.64	1.69	1.69	1.89	1.82	1.73	1.73	1.73
	1984	2.03	1.81	1.89	1.82	1.81	2.00	1.74	1.51	1.53	1.65	1.72	1.80	1.78
Flax	1983	4.79	4.70	4.58	4.52	4.67	4.92	4.96	5.96	7.14	6.98	6.97	6.65	5.57
	1984	6.86	7.05	7.07	7.13	7.24	6.74	6.10	6.03	5.69	5.65	5.85	6.05	6.46
Corn	1983	1.91	2.37	2.49	2.81	2.43	2.88	2.88	3.09	3.16	2.92	3.02	2.95	2.74
	1984	2.99	2.95	3.04	3.21	3.24	3.22	3.15	3.05	2.85	2.61	2.57	2.50	2.95
Soybeans	1983	5.12	5.37	5.74	5.90	5.88	5.80	5.97	7.17	7.69	7.23	7.29	7.19	6.36
	1984	7.25	6.94	7.30	7.74	8.11	7.64	7.13	6.17	5.85	5.81	5.87	5.60	6.78
		------Dollars per Hundredweight------												
All Sunflower	1983	8.30	8.20	8.30	8.90	9.50	9.80	9.80	11.00	12.60	12.00	12.90	13.00	10.36
	1984	13.70	14.50	14.10	15.30	16.30	16.80	16.30	-	11.90	11.60	11.00	11.10	13.87
Sunflower, Oil	1983	7.80	8.00	8.10	8.70	8.80	9.10	9.50	10.90	12.60	12.00	12.90	13.00	10.12
	1984	13.70	13.20	14.20	15.40	16.50	17.20	16.80	-	11.00	11.20	10.80	10.80	13.71
Sunflower, Non-Oil	1983	12.20	11.60	12.80	11.20	12.40	12.30	13.00	11.30	11.40	12.20	13.80	14.00	12.35
	1984	14.20	18.60	13.00	12.30	13.30	12.50	13.90	-	13.90	14.20	15.00	17.30	14.38
Dry Beans	1983	8.60	8.10	8.20	8.70	11.20	12.40	12.50	15.30	22.80	21.00	20.20	18.30	13.94
	1984	17.50	17.80	17.30	16.20	17.00	15.60	14.60	17.00	17.00	15.90	14.60	15.00	16.29
Potatoes	1983	4.25	4.30	4.65	4.75	5.10	5.10	-	4.00	3.50	3.70	4.10	4.30	4.34
	1984	5.00	5.00	5.60	6.10	6.80	-	-	-	3.30	3.75	4.25	4.25	4.89
		------Dollars per Ton------												
All Hay, Baled	1983	39.00	38.00	37.00	38.00	38.00	35.00	38.00	35.00	36.00	37.00	40.00	41.00	37.67
	1984	40.00	39.00	40.00	40.00	41.00	41.00	42.00	41.00	42.00	43.00	43.00	42.00	41.17
Alfalfa Hay, Baled	1983	43.00	42.00	42.00	44.00	44.00	41.00	44.00	41.00	42.00	43.00	45.00	47.00	43.17
	1984	46.00	45.00	46.00	45.00	48.00	49.00	47.00	47.00	47.00	49.00	49.00	48.00	47.17
Other Hay, Baled	1983	35.00	34.00	32.00	31.00	31.00	28.00	31.00	28.00	29.00	30.00	33.00	32.00	31.17
	1984	31.00	31.00	32.00	31.00	33.00	32.00	35.00	32.00	34.00	34.00	33.00	33.00	32.58

1/ Monthly prices are open market prices and do not make an allowance for unredeemed loans. 2/ 1983 Revised, 1984 Preliminary. 3/ See page 119 for season average prices.

SEASON AVERAGE PRICES RECEIVED BY FARMERS FOR SELECTED CROPS
BY CROP REPORTING DISTRICTS, North Dakota, Crops of 1979-84 1/

Crop	Crop Year	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State Season Average
						---Dollars per Bushel---					
All Wheat	1982	3.59	3.58	3.73	3.50	3.73	3.90	3.65	3.60	3.85	3.69
	1983	3.71	3.77	3.86	3.58	3.82	3.79	3.54	3.60	3.86	3.76
	2/1984										3.54
Durum Wheat	1979	4.26	4.44	4.55	4.47	4.52	4.64	4.22	4.55	4.41	4.41
	1980	5.31	4.81	4.83	4.90	4.82	4.98	6.24	5.86	5.28	5.10
	1981	3.49	3.46	3.45	3.41	3.47	3.64	3.34	3.33	3.64	3.48
	1982	3.59	3.60	3.69	3.43	3.76	3.94	3.78	3.47	3.87	3.66
	1983	3.88	3.95	4.07	3.86	4.09	4.06	3.51	3.99	4.09	3.97
	2/1984										3.75
Spring Wheat Other Than Durum	1979	3.35	3.39	3.54	3.39	3.55	3.71	3.42	3.44	3.65	3.53
	1980	3.81	3.85	3.81	3.83	3.82	3.99	4.09	4.09	4.08	3.92
	1981	3.57	3.44	3.62	3.46	3.56	3.71	3.57	3.52	3.68	3.59
	1982	3.59	3.58	3.79	3.51	3.73	3.90	3.65	3.61	3.85	3.71
	1983	3.56	3.63	3.75	3.61	3.74	3.81	3.60	3.62	3.87	3.69
	2/1984										3.50
Oats	1979	1.14	1.14	1.12	1.11	1.12	1.17	1.20	1.15	1.18	1.16
	1980	1.74	1.70	1.57	1.76	1.83	1.90	2.31	1.98	1.76	1.77
	1981	1.72	1.59	1.55	1.47	1.56	1.69	1.69	1.50	1.64	1.63
	1982	1.18	1.14	1.23	1.05	1.20	1.36	1.12	1.14	1.38	1.20
	1983	1.38	1.30	1.34	1.22	1.39	1.50	1.25	1.33	1.40	1.37
	2/1984										1.40
Malting Barley	1979	1.97	2.04	2.07	1.98	2.17	2.16	2.26	1.42	2.19	2.11
	1980	2.65	2.52	2.73	2.55	2.65	2.92	2.68	2.37	2.77	2.76
	1981	2.10	2.21	2.17	2.10	2.18	2.39	2.13	-	2.35	2.25
	1982	1.86	1.78	1.85	1.69	1.98	2.06	2.02	1.49	2.12	1.94
	1983	2.21	2.05	2.28	1.85	2.18	2.31	2.36	2.25	2.24	2.2[illegible]
Feed Barley	1979	1.68	1.79	1.75	1.53	1.91	1.87	1.78	1.69	1.97	1.83
	1980	2.32	2.31	2.16	2.40	2.26	2.25	2.32	2.55	2.36	2.24
	1981	1.85	1.97	1.91	1.66	1.82	1.93	2.16	1.83	1.94	1.92
	1982	1.67	1.62	1.63	1.60	1.73	1.74	1.78	1.56	1.85	1.68
	1983	2.06	2.06	2.14	1.95	2.14	2.16	1.91	2.05	2.14	2.11
All Barley	1979	1.92	2.00	2.01	1.91	2.03	2.11	1.87	1.87	2.15	2.06
	1980	2.53	2.45	2.57	2.52	2.50	2.82	2.42	2.43	2.62	2.62
	1981	2.06	2.15	2.11	1.98	2.02	2.23	2.15	1.83	2.15	2.15
	1982	1.84	1.76	1.81	1.62	1.82	2.03	1.81	1.56	2.06	1.90
	1983	2.15	2.06	2.22	1.93	2.16	2.26	1.93	2.05	2.19	2.19
	2/1984										1.95
Flaxseed	1979	5.79	5.64	5.54	5.46	5.85	5.75	5.61	6.18	5.86	5.76
	1980	7.23	7.19	7.19	7.32	7.02	7.13	7.16	7.23	7.22	7.18
	1981	6.62	6.71	6.46	6.63	6.47	6.59	6.68	6.52	6.72	6.57
	1982	5.12	5.13	5.00	4.77	5.06	5.60	5.03	4.96	5.25	5.14
	1983	6.81	6.87	7.01	6.54	6.90	6.98	6.87	6.62	6.57	6.83
	2/1984										5.95
						---Dollars per Hundredweight---					
All Sunflower	1980	10.17	10.56	11.25	10.83	11.29	11.11	10.67	10.69	11.14	11.00
	1981	10.22	10.04	11.02	9.49	9.78	11.04	9.01	9.51	11.02	10.70
	1982	7.45	7.68	9.38	11.09	8.41	9.81	6.91	7.15	10.31	8.84
	1983	12.93	12.97	12.99	13.47	13.87	13.27	11.60	12.32	12.46	13.00
	2/1984										11.20

1/ Includes allowances for loans outstanding and purchases by the government valued at the average loan and purchase rate. Does not include government payments under the disaster and deficiency payments program. 2/ Preliminary - District prices not available at this time.

SEASON AVERAGE PRICES RECEIVED BY FARMERS FOR OTHER CROPS,
North Dakota, 1979-84

Year	Rye	Corn	Soybeans	All Hay Baled	Potatoes	Sugarbeets 1/	Dry Beans
	(Bu.)	(Bu.)	(Bu.)	(Ton)	(Cwt.)	(Ton)	(Cwt.)
1979	1.70	2.13	5.80	37.50	3.25	34.10	22.50
1980	2.64	2.87	7.02	75.00	6.85	46.30	24.70
1981	2.77	2.39	5.66	58.00	4.05	20.50	19.80
1982	2.01	2.69	5.41	41.50	4.35	35.70	11.30
1983	1.91	3.02	7.34	39.00	4.90	35.40	18.70
1984 2/	1.65	2.55	5.65	42.50	4.50	-	15.90

1/ Does not include government payments. 2/ Preliminary.

AVERAGE PRICES RECEIVED BY FARMERS FOR LIVESTOCK AND LIVESTOCK PRODUCTS,
North Dakota 1983-84

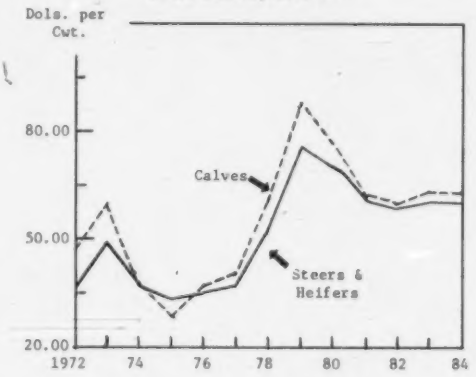
Item	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg. 1/
		- - - Dollars per 100 Pounds Live Weight - - -												
Beef Cattle	1983	53.10	58.50	60.40	60.10	56.80	52.90	50.90	50.80	48.50	45.80	46.50	49.40	52.90
	1984	54.30	57.40	58.30	56.80	53.80	50.20	52.70	52.70	52.40	47.20	48.50	47.90	52.70
Steers & Heifers	1983	61.70	64.00	64.20	63.60	61.80	59.20	56.90	55.60	52.80	53.40	56.30	59.80	59.80
	1984	62.00	62.00	62.10	60.20	58.50	56.90	59.30	57.00	59.10	56.90	59.40	60.40	59.80
Cows	1983	35.60	41.70	42.10	42.30	42.80	41.90	41.30	38.00	36.50	33.90	32.10	31.60	36.80
	1984	33.60	39.00	41.30	41.50	40.70	40.10	39.00	36.50	34.70	34.50	32.10	33.00	36.20
Calves	1983	64.60	67.60	66.50	67.70	67.80	65.00	58.70	57.50	58.00	58.20	60.50	62.60	62.80
	1984	62.90	63.50	62.90	62.20	61.60	58.10	60.60	61.10	62.40	60.80	62.10	63.20	62.30
Hogs 2/	1983	53.80	54.90	48.00	45.30	43.40	40.60	38.90	42.40	42.00	37.70	35.20	42.90	43.00
	1984	46.10	42.40	43.80	45.00	44.60	45.40	47.10	46.30	42.70	39.90	43.10	45.30	44.00
Sheep	1983	14.80	24.60	18.00	14.50	12.20	10.10	11.50	10.30	11.60	10.80	15.60	10.50	13.90
	1984	12.70	12.90	13.50	12.30	9.42	10.10	12.20	11.40	14.40	11.70	12.80	13.50	12.60
Lambs	1983	54.50	57.90	59.20	53.70	49.60	46.10	45.30	43.20	44.50	46.40	50.90	53.20	50.60
	1984	55.30	55.70	53.70	50.60	45.10	48.10	54.10	56.80	60.50	59.60	62.00	56.80	57.80
		- - - Dollars per Head - - -												
Milk Cows	1983	960	--	--	940	--	--	910	--	--	800	--	--	900
	1984	740	--	--	790	--	--	800	--	--	780	--	--	780
		- - - Dollars per Hundredweight - - -												
Milk, Wholesale	1983	12.80	12.70	12.60	12.50	12.30	12.10	12.10	12.10	12.70	12.90	13.00	12.60	12.53
	1984	12.40	12.10	12.10	12.00	11.90	11.70	11.80	12.00	12.60	12.90	13.00	12.90	12.28

1/ Weighted by marketings. 2/ Average is based on marketing year December through November. 3/ Annually.

AVERAGE PRICE RECEIVED BY FARMERS FOR POULTRY, POULTRY PRODUCTS AND WOOL, North Dakota, 1977-84

Year	Chickens	Turkeys	Eggs	Wool
	(¢/lb. live weight)		(¢/doz.)	(¢/lb.)
1977	4.0	35.0	37.0	70.0
1978	3.6	45.0	34.0	74.0
1979	4.0	43.0	38.0	82.0
1980	4.0	47.0	36.0	84.0
1981	7.0	36.0	39.0	79.0
1982	6.0	39.0	37.0	61.0
1983	7.0	32.0	53.0	51.0
1984	8.0	44.0	66.0	70.0

Average Price Received:
Steers & Heifers and Calves,
North Dakota, 1972-84



WAGE RATES FOR FARM LABOR
Combined Field and Livestock Workers
N.D., Quarterly 1974-80, Jan. and Apr., 1981

Year	Quarterly Dates				Annual Average
	Jan.	Apr.	July	Oct.	
	- - - Dollars per Hour - - -				
1974	2.14	1.85	2.69	2.53	2.41
1975	2.30	2.10	2.50	2.73	2.46
1976	2.80	2.60	2.70	2.83	2.70
1977	2.82	2.67	3.07	2.74	2.93
1978	3.09	2.93	3.27	3.03	3.10
1979	3.10	3.12	3.13	3.10	3.12
1980	3.26	3.14	3.89	3.58	3.65
1981	3.40	3.37	NA	NA	NA
1982	- - Estimates Discontinued - -				

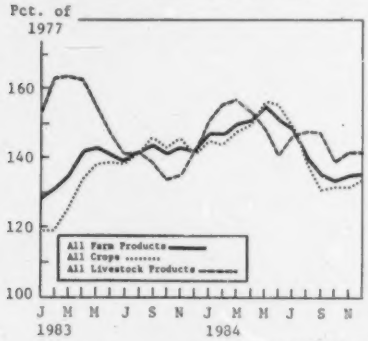
NA - Not Available.

INDEXES OF PRICES RECEIVED BY FARMERS, BY MONTHS AND CALENDAR YEAR AVERAGE
North Dakota, 1983-84

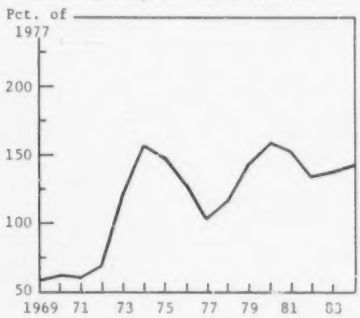
Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						(1977 = 100) 1/							
1983													
All Farm Products	128	131	135	142	143	141	139	142	144	141	143	142	139
All Crops	119	119	125	134	138	139	138	142	146	143	146	141	136
Food Grains	138	137	146	158	161	161	160	162	161	158	158	151	154
Feed Grains & Hay	97	104	106	119	118	118	118	121	129	130	135	133	119
Oil Bearing Crops	80	79	80	85	90	93	93	105	120	115	122	123	99
Other Crops 2/	121	121	125	127	136	138	138	132	141	139	142	141	134
All Livestock Products	152	163	164	163	156	147	141	142	139	134	135	142	148
Meat Animals	154	167	168	167	160	149	142	143	138	131	133	142	150
Dairy Products	149	148	147	145	143	141	141	141	148	150	151	147	146
Poultry, Eggs & Wool	103	103	103	103	103	103	103	103	103	103	103	103	103
1984													
All Farm Products	147	147	150	151	155	152	149	141	136	134	135	136	144
All Crops	145	144	148	150	157	156	149	139	131	132	132	134	143
Food Grains	153	150	155	154	161	161	155	152	141	144	145	147	151
Feed Grains & Hay	135	133	137	142	144	144	134	121	120	118	118	117	130
Oil Bearing Crops	128	135	132	142	151	154	148	114	111	108	104	104	127
Other Crops 2/	146	146	151	154	163	151	141	137	132	132	134	135	144
All Livestock Products	152	156	157	154	149	141	147	148	148	139	142	142	148
Meat Animals	154	159	161	158	151	143	150	150	149	136	140	140	149
Dairy Products	144	141	141	140	138	136	137	140	147	150	151	150	143
Poultry, Eggs & Wool	137	137	137	137	137	137	137	137	137	137	137	137	137

1/ Base price is 1977 average. Quantity weights based on moving three-year average sales. 2/ Potatoes, dry edible beans and sugarbeets.

Index of Prices Received
North Dakota, 1983-84 (1977=100)



Index of Prices Received
Annual Average All Commodities,
North Dakota, 1969-84 (1977=100)



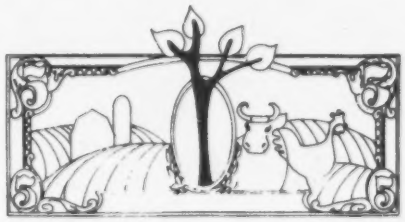
ANNUAL AVERAGE INDEXES OF PRICES RECEIVED BY FARMERS,
North Dakota, 1962-84

Year	All Commodities	Crops					Livestock			
		All Crops	Food Grains	Feed Grains & Hay	Oil Bearing	Other Crops	All Livestock	Meat Animals	Dairy Products	Poultry, Eggs & Wool
					(1977=100) 1/					
1962	69	76	93	51	54	34	57	56	61	61
1963	65	70	85	46	51	34	56	54	59	67
1964	58	62	68	47	53	54	51	48	57	68
1965	58	59	58	54	54	101	55	54	56	66
1966	62	61	65	58	55	46	63	62	62	74
1967	61	61	66	56	54	48	61	61	62	58
1968	59	57	61	50	53	55	63	64	63	58
1969	60	53	58	46	50	46	71	72	63	69
1970	63	56	60	47	47	62	74	76	65	69
1971	62	54	57	49	46	55	75	77	64	55
1972	70	59	64	52	51	55	89	95	64	59
1973	120	120	136	85	107	101	120	128	76	108
1974	157	190	209	148	157	155	95	97	83	90
1975	149	171	185	153	125	118	90	90	89	93
1976	128	137	142	134	109	114	99	99	100	88
1977	103	104	102	108	109	105	101	101	101	99
1978	117	110	115	104	99	93	139	145	112	112
1979	145	131	143	116	102	110	182	194	128	115
1980	160	158	179	136	94	158	167	173	138	121
1981	154	155	166	153	106	189	152	154	147	105
1982	135	129	145	116	99	113	149	150	146	105
1983	139	136	154	119	99	134	148	150	146	103
1984	144	143	151	130	127	144	148	149	143	137

1/ Base price is 1977 average. Quantity weights based on moving three-year average sales.

MID-MONTH AVERAGE PRICES PAID BY FARMERS FOR PRODUCTION ITEMS,
North Dakota, 1983-84

Item	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
		------ Dollars per Hundredweight ------												
FEEDS														
Soybean Meal	1983	12.00	12.50	12.50	13.00	14.00	13.50	14.00	14.50	16.00	15.50	16.50	16.50	14.21
	1984	15.50	14.50	14.50	14.50	14.50	14.00	13.50	13.50	13.00	13.00	12.50	11.50	13.71
Hog Grower, 14-18% Protein	1983	9.30	9.00	9.30	9.60	9.00	9.60	9.50	9.70	11.00	12.00	11.00	11.00	9.99
	1984	11.00	10.00	11.00	11.50	10.30	10.10	9.80	9.60	9.50	9.40	9.40	8.90	10.04
Beef Concentrate, 32-36% Protein	1983	12.00	11.00	10.50	11.00	10.00	10.50	10.50	10.50	11.00	11.00	11.50	11.50	10.92
	1984	11.00	11.50	11.50	12.50	11.50	10.50	11.00	10.50	11.00	10.50	10.50	9.60	10.97
		------ Dollars per Ton ------												
Dairy Feed, 16% Protein	1983	160	150	148	153	171	156	155	163	173	170	180	177	163
	1984	182	179	181	182	175	167	167	168	166	156	157	151	169
Laying Feed	1983	210	210	200	215	220	225	220	230	235	235	240	235	223
	1984	235	230	230	230	220	230	210	210	210	205	197	200	217
		------ Dollars per Gallon ------												
PETROLEUM PRODUCTS														
Gasoline, Unleaded Filling Station	1983	1.260	1.240	1.190	1.250	1.280	1.290	1.350	1.360	1.360	1.330	1.340	1.310	1.297
	1984	1.310	1.290	1.280	1.290	1.310	1.310	1.280	1.280	1.270	1.260	1.260	1.260	1.283
Gasoline, Regular Bulk Delivery	1983	1.190	1.150	1.110	1.130	1.200	1.190	1.270	1.280	1.280	1.260	1.260	1.230	1.213
	1984	1.210	1.220	1.210	1.200	1.220	1.220	1.210	1.200	1.190	1.190	1.180	1.170	1.202
Diesel Fuel	1983	1.120	1.050	.980	.950	.980	1.000	1.000	1.000	1.020	1.020	1.030	1.020	1.014
	1984	1.040	1.050	1.020	1.010	1.030	1.040	1.030	1.030	1.010	1.020	1.050	1.030	1.030



ANNUAL AVERAGE PRICES PAID BY FARMERS FOR PRODUCTION ITEMS
North Dakota, 1983-84

Item	1983	1984
	---Dollars---	
FEEDS		
Turkey Grower/ton	254.00	245.00
Dairy Feed, 14% Protein/ton	154.00	161.00
Dairy Feed, 32% Protein/ton	258.00	255.00
Hog Concentrates, 38-42% Protein/100 pounds	15.96	15.03
Bran/100 pounds	9.04	9.77
Middlings/100 pounds	8.39	8.73
Corn Meal/100 pounds	6.59	7.03
Molasses, Liquid/100 pounds	8.43	8.49
Stock Salt/100 pounds	5.91	5.96
Alfalfa Meal/100 pounds	9.63	8.86
SEED, RETAIL		
Alfalfa, Uncertified/100 pounds	167.50	157.50
Alfalfa, Certified/100 pounds	192.50	207.50
Potatoes/100 pounds	5.90	7.10
Wheat, Spring/bushel	6.05	5.70

Item	1983	1984
	---Dollars---	
PETROLEUM PRODUCTS AND MOTOR SUPPLIES		
L.P. Gas, Propane, Butane, etc./gallon	.672	.656
Motor Oil		
Regular, non-detergent/gallon	3.88	3.88
Heavy duty, detergent/gallon	4.35	4.41
All weather, high detergent/gallon	4.66	4.75
Storage Batteries		
CPR 220-310 amps, each	50.88	49.13
CPR 315-500 amps, each	67.00	64.25
Spark Plugs, each	1.83	1.80
Tires		
Auto, tubeless, bias belted, ER78-14, ea.	48.25	48.25
Auto, tubeless, radial, steel belted, P195/75R14, ER78-14, ea.	70.75	66.25
Truck, 7.00x15, 6-ply, ea.	69.50	68.00
Tractor, Rear, 18.4-34, 6-ply, ea.	428.75	407.50

MISCELLANEOUS

FERTILIZER

PESTICIDES

EXPORTS

GRAIN SHIPMENTS

CUSTOM RATES

FERTILIZER, PESTICIDES & EXPORTS

Consumption of Fertilizers and Plant Nutrients, North Dakota, 1975-84

Year Ended June 30	Gross Tonnages				Primary Nutrient Content			
	Mixed Fertilizer	Primary Nutrient Material	Secondary & Micro-Nutrients	Total	N	Available P_2O_5	K_2O	Total
				Tons				
1975	249,047	239,773	123	488,943	140,663	105,613	16,460	262,735
1976	306,511	323,493	237	630,241	201,185	130,927	18,031	350,143
1977	315,687	351,345	613	667,645	229,102	140,665	18,685	388,452
1978	272,290	372,347	2,643	647,280	253,062	120,326	19,285	392,673
1979	300,780	444,739	3,653	749,172	294,860	132,609	23,987	451,456
1980	262,159	508,941	3,208	774,308	336,256	116,395	20,081	472,732
1981	269,255	465,639	2,086	736,980	315,853	119,372	22,582	457,807
1982	268,239	346,237	1,219	615,695	248,205	112,038	19,054	379,297
1983	243,771	291,205	648	535,624	208,885	100,524	17,733	327,142
1984	275,552	339,796	1,061	616,409	249,749	114,428	19,837	384,014

Fertilizer Use on All Wheat Acreage Harvested, North Dakota, 1979-84

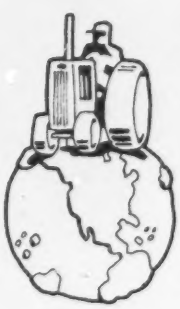
Year	Acres for Harvest	Fields in Survey	Acres Receiving				Rate per Acre Receiving			Acres Fertilized 1/		
			Any Fertilizer	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or Before Seeding	After Seeding	At or Before & After Seeding
	(000)	(No.)	Percent				Pounds			Percent		
1979	9,555	240	67.5	65.4	55.0	9.6	41.0	28.0	17.6	97.5	1.2	1.3
1980	9,770	245	49.0	49.0	40.0	5.3	42.7	26.1	14.9	98.3	0.0	1.7
1981	11,770	237	57.0	57.0	47.3	6.8	39.0	25.3	17.1	100.0	0.0	0.0
1982	10,545	222	67.1	67.1	54.1	8.1	41.4	25.9	10.6	98.7	0.7	0.6
1983	7,190	241	71.0	71.0	60.0	11.0	46.0	27.0	10.0	99.0	1.0	0.0
1984	8,660	254	72.0	72.0	63.0	5.0	43.0	25.0	19.0	98.0	2.0	0.0

1/ Percentages apply to acres receiving fertilizer. Source: Inputs Outlook & Situation Report, February, 1985.

Planted Acreage Treated with Pesticides, North Dakota, 1978 and 1984

Crop	Herbicides		Insecticides		Fungicides		Other Chemicals	
	1978	1984	1978	1984	1978	1984	1978	1984
	Percent							
Wheat	88.2	90.9	3.2	2.3	7.9	2.1	0.0	0.0
Barley	86.5	87.5	3.1	2.2	8.4	1.5	0.0	0.0
Oats	38.5	42.8	1.0	1.2	3.3	0.0	0.0	0.0
Flax	48.3	66.3	1.3	2.9	3.8	0.0	0.0	0.0
Corn	52.1	75.8	4.2	17.9	1.3	0.2	0.3	0.0
Sunflower	88.5	88.5	5.6	64.8	2.2	0.0	2.1	0.2
Potatoes	20.5	30.6	90.8	96.9	54.5	67.6	46.5	40.1
Sugarbeets	93.4	96.5	41.1	49.5	7.5	77.6	1.6	0.0
Soybeans	91.9	96.3	6.2	2.1	2.0	0.4	0.0	0.0
Dry Beans	87.0	93.5	0.6	0.4	16.0	19.0	0.0	1.7
Alfalfa Hay	0.2	0.9	0.2	0.9	0.0	0.0	0.0	0.0
Other Hay	1.3	0.7	0.0	0.3	0.0	0.0	0.0	0.0
Pasture & Range	2.0	1.2	0.0	0.3	0.0	0.0	0.0	0.0
Other Crops	16.0	52.9	2.0	8.5	0.1	0.0	0.1	0.0
TOTAL	43.8	51.1	2.2	8.3	3.7	1.5	0.2	0.2
Summer Fallow 1/	--	17.1	--	0.1	--	0.0	--	0.0

1/ Comparable data not available for 1978, total excludes summer fallow.



Value of Export Shares of Agricultural Commodities, North Dakota, 1982-84 1/

Commodity or Group	1982		1983		1984	
	Dollars	Percent of U.S.	Dollars	Percent of U.S.	Dollars	Percent of U.S.
	(Mil.)	(Pct.)	(Mil.)	(Pct.)	(Mil.)	(Pct.)
Wheat & Flour	878.5	11.4	712.5	11.4	776.7	11.5
Feed Grains & Products	69.2	.9	66.1	.9	81.7	.9
Sunflower Seeds & Oil	358.8	70.4	374.1	82.1	453.3	88.5
Soybeans & Products	27.1	.3	30.9	.4	66.0	.9
Vegetables & Preparations	102.5	7.1	70.4	7.1	71.0	7.1
Dairy Products	2.1	.6	.5	.1	.6	.2
Animals & Meats excluding Poultry	16.8	1.4	4.2	.4	5.5	.5
Hides & Skins	14.3	1.4	3.7	.4	5.2	.4
Poultry Products	.5	.1	-	-	-	-
Fats, Oils & Greases	12.7	1.8	2.6	.4	3.1	.4
Feeds & Fodder	22.2	4.1	23.3	3.9	22.8	4.1
Other	22.5	.3	23.8	.3	24.3	.3
TOTAL	1,527.2	3.9	1,312.1	3.8	1,510.2	4.0

Source: Foreign Agricultural Trade of U.S. - ERS. 1/ State export shares are based upon North Dakota's portion of U.S. production or farm sales of individual commodities. No attempt was made to trace actual commodity shipments or to determine whether the State's output is destined primarily for the domestic or export market.

GRAIN SHIPMENTS

HARD RED SPRING WHEAT AND DURUM WHEAT: Shipments from Commercial Storages by County and Mode of Shipment, North Dakota, July 1, 1983 - June 30, 1984 (Preliminary) 1/

District and County	Hard Red Spring Wheat				Durum Wheat			
	Rail	Truck	C.C.C.	Total	Rail	Truck	C.C.C.	Total
	----- Bushels -----				----- Bushels -----			
Burke	1,757,304	14,499	201,300	1,973,103	927,270	688,572	42,758	1,658,600
Divide	179,066	178,763	134,660	492,489	3,236,629	188,345	12,000	3,436,974
Mountrail	155,553	236,702	62,496	454,751	4,626,924	668,719	39,379	5,335,022
Renville	815,413	403,196	170,216	1,388,825	1,113,310	66,516	185,825	1,365,651
Ward	6,809,909	963,128	56,999	7,830,036	8,868,651	532,673	119,976	9,521,300
Williams	3,813,294	1,283,101	124,309	5,220,704	2,708,806	1,685,333	368,721	4,762,860
Northwest	13,530,539	3,079,389	749,980	17,359,908	21,481,590	3,830,158	768,659	26,080,407
Benson	646,419	193,653	124,462	964,534	2,841,837	278,832	456,439	3,577,108
Bottineau	2,023,985	381,535	119,111	2,524,631	5,146,457	176,185	267,071	5,589,713
McHenry	1,899,040	537,181	---	2,436,221	280,326	71,942	12,883	365,151
Pierce	524,245	677,065	28,568	1,229,878	1,206,987	117,327	40,000	1,364,314
Rolette	284,527	176,617	43,768	506,912	1,497,966	218,198	---	1,716,164
North Central	5,378,216	1,968,051	315,909	7,662,176	10,973,573	862,484	776,393	12,612,450
Cavalier	3,370,207	753,982	276,976	4,401,165	2,963,522	226,422	179,048	3,368,992
Grand Forks	4,794,948	3,198,134	638,547	8,631,627	987,646	299,492	20,795	1,307,933
Nelson	1,945,547	1,317,504	158,259	3,421,310	7,655,488	1,097,126	365,821	9,118,435
Pembina	5,659,592	2,893,453	425,215	8,978,260	208,795	178,103	21,900	408,798
Ramsey	2,000,431	659,752	204,178	2,864,361	4,078,879	435,790	251,729	4,766,398
Towner	891,145	143,918	21,226	1,056,289	2,904,461	547,208	120,610	3,572,279
Walsh	7,829,037	975,445	608,528	9,413,010	956,965	53,683	67,135	1,077,783
Northeast	26,490,907	9,942,186	2,332,929	38,766,022	19,755,756	2,837,824	1,027,038	23,620,618
Dunn	102,251	505,614	12,505	620,370	---	1,615	---	1,615
McKenzie	4,740	385,865	13,260	403,865	139,149	381,678	8,973	529,800
McLean	1,704,373	2,835,372	129,570	4,669,315	2,879,808	827,534	24,105	3,731,447
Mercer	717,531	709,628	---	1,427,159	69,429	72,600	---	142,029
Oliver	---	---	---	---	---	---	---	---
West Central	2,528,895	4,436,479	155,335	7,120,709	3,088,386	1,283,427	33,078	4,404,891
Eddy	772,885	208,815	100,287	1,081,987	454,463	93,647	2,283	550,393
Foster	1,498,276	777,144	194,478	2,469,898	1,356,084	206,882	163,473	1,726,439
Kidder	735,572	179,607	70,377	985,556	422,223	9,348	25,116	456,687
Sheridan	758,346	584,245	13,250	1,355,841	116,704	24,488	21,240	162,432
Stutsman	4,078,419	1,613,313	759,861	6,451,593	2,551,267	270,436	82,704	2,904,407
Wells	3,224,444	367,990	251,971	3,844,405	1,498,847	66,532	165,168	1,730,547
Central	11,067,942	3,731,114	1,390,224	16,189,280	6,399,588	671,333	459,984	7,530,905
Barnes	5,471,702	1,344,221	139,968	6,955,891	1,290,083	129,290	10,874	1,430,247
Cass	3,195,339	5,516,025	256,117	8,967,481	434,941	417,426	34,771	887,138
Griggs	1,175,167	708,729	155,619	2,039,515	145,294	56,914	19,050	221,258
Steele	2,759,398	619,797	245,624	3,624,819	502,091	13,263	16,658	532,012
Traill	2,476,234	3,011,364	189,349	5,676,947	389,219	154,719	29,779	573,717
East Central	15,077,840	11,200,136	986,677	27,264,653	2,761,628	771,612	111,132	3,644,372
Adams	863,111	670,467	76,769	1,610,347	162,979	103,504	10,030	276,513
Billings	---	---	---	---	---	---	---	---
Bowman	1,482,291	1,487,369	10,843	2,980,503	612,416	226,564	29,646	868,626
Golden Valley	170,589	1,690,841	8,482	1,869,912	206,824	626,760	36,303	869,887
Hettinger	94,640	2,305,097	68,132	2,467,869	27,365	366,959	23,443	417,767
Slope	---	---	---	---	---	---	---	---
Stark	9,448,294	678,705	341,741	10,468,740	771,937	95,008	49,182	916,127
Southwest	12,058,925	6,832,479	505,967	19,397,371	1,781,521	1,418,795	148,604	3,348,920
Burleigh	634,050	1,339,815	---	1,973,865	182,640	96,687	---	279,327
Emmons	2,159,275	366,222	4,200	2,529,697	68,997	35,019	17,299	121,315
Grant	26,576	1,216,793	5,900	1,249,269	7,087	68,192	---	75,279
Morton	844,464	2,625,658	139,059	3,609,181	40,060	74,250	---	114,310
Sioux	---	156,031	---	156,031	---	38,989	---	38,989
South Central	3,664,365	5,704,519	149,159	9,518,043	298,784	313,137	17,299	629,220
Dickey	1,867,371	392,129	125,903	2,385,403	509,518	12,335	55,254	577,107
LaMoure	3,321,296	327,056	204,187	3,852,539	779,554	32,109	79,193	890,856
Logan	1,830,949	595,951	17,395	2,444,295	480,428	103,808	26,457	610,693
McIntosh	1,685,540	53,350	2,689	1,741,579	163,190	18,136	4,600	185,926
Ransom	1,635,591	69,403	113,785	1,818,779	142,399	1,042	2,320	145,761
Richland	2,302,980	2,189,327	15,645	4,507,952	190,794	27,627	5,915	224,336
Sargent	2,966,070	209,967	100,168	3,276,205	424,715	8,856	1,339	434,910
Southeast	15,609,797	3,837,183	579,772	20,026,752	2,690,598	203,913	175,078	3,069,589
STATE	105,407,426	50,731,536	7,165,952	163,304,914	69,231,424	12,192,683	3,517,265	84,941,372

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS CONT.

BARLEY AND OATS: Shipments from Commercial Storages
by County and Mode of Shipment, North Dakota, July 1, 1983 - June 30, 1984 (Preliminary) 1/

District and County	Barley				Oats			
	Rail	Truck	C.C.C.	Total	Rail	Truck	C.C.C.	Total
	----- Bushels -----				----- Bushels -----			
Burke	739,025	58,955	2,059	800,039	260,601	113,550	---	374,151
Divide	612,068	130,921	75,320	818,309	35,057	140,352	---	175,409
Mountrail	693,089	85,276	7,182	785,547	1,065,068	130,429	---	1,195,497
Renville	1,327,372	202,467	59,327	1,589,166	465,177	110,262	---	575,439
Ward	3,711,617	441,343	40,579	4,193,539	2,735,838	1,258,768	---	3,994,606
Williams	553,353	511,766	52,627	1,117,746	105,431	141,584	---	247,015
Northwest	7,636,524	1,430,728	237,094	9,304,346	4,667,172	1,894,945	---	6,562,117
Benson	1,155,451	237,259	116,601	1,509,311	461,425	16,779	---	478,204
Bottineau	6,935,304	161,904	55,633	7,152,841	1,488,844	216,460	---	1,705,304
McHenry	483,966	28,419	6,822	519,207	323,103	136,791	---	459,894
Pierce	526,978	73,580	63,601	664,159	330,883	134,948	---	465,831
Rolette	891,044	101,009	---	992,053	15,890	37,876	---	53,766
North Central	9,992,743	602,171	242,657	10,837,571	2,620,145	542,854	---	3,162,999
Cavalier	5,359,152	1,753,331	113,515	7,225,998	16,036	34,077	---	50,113
Grand Forks	6,462,423	1,117,950	201,317	7,781,690	54,209	40,102	---	94,311
Nelson	2,868,972	1,013,606	189,474	4,072,052	218,656	228,183	---	446,839
Pembina	2,655,253	2,136,748	212,179	5,004,180	48,302	40,566	---	88,868
Ramsey	3,064,324	663,239	246,903	3,974,466	81,519	54,194	---	135,713
Towner	1,822,732	401,832	53,496	2,278,060	---	6,503	---	6,503
Walsh	4,295,111	903,450	32,577	5,231,138	105,450	23,888	---	129,338
Northeast	26,527,967	7,990,156	1,049,461	35,567,584	524,172	427,513	---	951,685
Dunn	11,637	35,480	---	47,117	17,782	12,400	---	30,182
McKenzie	59,681	5,765	---	65,446	17,367	6,658	---	24,052
McLean	301,226	71,637	42,424	415,287	660,334	502,228	---	1,162,562
Mercer	52,844	8,971	22,595	84,410	148,402	165,155	---	313,557
Oliver	---	---	---	---	---	---	---	---
West Central	425,388	121,853	65,019	612,260	843,885	686,441	---	1,530,326
Eddy	255,761	63,735	26,430	345,926	136,964	23,971	---	160,935
Foster	298,089	58,919	11,400	368,408	190,732	82,838	---	273,570
Kidder	12,409	17,144	---	29,553	108,384	20,813	---	129,197
Sheridan	230,714	110,900	13,438	355,052	143,832	110,681	---	254,513
Stutsman	4,045,536	1,154,670	545,438	5,745,644	1,217,121	186,616	---	1,403,737
Wells	1,684,091	258,235	104,454	2,046,780	294,845	44,670	---	339,515
Central	6,526,600	1,663,603	701,160	8,891,363	2,091,878	469,589	---	2,561,467
Barnes	3,711,495	1,620,721	328,212	5,660,428	327,375	34,360	---	361,735
Cass	9,254,083	1,482,867	557,048	11,293,998	119,868	125,102	---	244,970
Griggs	995,723	497,406	86,985	1,580,114	25,042	59,914	---	84,956
Steele	3,470,584	298,618	62,100	3,831,302	137,563	73,150	---	210,713
Traill	6,500,855	1,099,594	314,954	7,915,403	20,888	10,785	---	31,673
East Central	23,932,740	4,999,206	1,349,299	30,281,245	630,736	303,311	---	934,047
Adams	48,916	18,367	4,798	72,081	193,787	36,712	---	230,499
Billings	---	---	---	---	---	---	---	---
Bowman	66,269	238,770	---	305,039	4,896	24,922	---	29,818
Golden Valley	---	6,710	---	6,710	---	18,750	---	18,750
Hettinger	---	343,792	14,709	358,501	---	701,342	---	701,342
Slope	---	---	---	---	---	---	---	---
Stark	348,307	26,005	8,524	382,836	532,683	320,504	---	853,187
Southwest	463,492	633,644	28,031	1,125,167	731,366	1,102,230	---	1,833,596
Burleigh	24,600	33,356	37,975	95,931	362,710	187,543	---	550,253
Emmons	84,503	13,652	4,560	102,715	403,432	51,896	---	455,328
Grant	48,323	129,981	---	178,304	18,106	79,374	---	97,480
Morton	168,291	76,499	41,930	286,720	97,509	153,431	---	250,940
Sioux	---	8,534	---	8,534	---	14,411	---	14,411
South Central	325,717	262,022	84,465	672,204	881,757	486,655	---	1,368,412
Dickey	768,487	32,393	44,650	845,530	266,858	116,181	---	383,039
LaMoure	602,767	149,204	10,611	762,582	288,082	145,225	---	433,307
Logan	186,754	44,341	---	231,095	183,296	52,616	---	235,912
McIntosh	45,608	77,201	---	122,809	180,607	70,706	---	251,313
Ransom	712,456	36,893	43,333	792,682	283,993	7,187	---	291,180
Richland	5,376,171	408,153	18,363	5,802,687	289,872	121,748	---	411,620
Sargent	693,903	47,226	55,200	796,329	310,600	39,022	---	349,622
Southeast	8,386,146	795,411	172,157	9,353,714	1,803,308	552,685	---	2,355,993
STATE	84,217,317	18,498,794	3,929,343	106,645,454	14,794,419	6,466,223	---	21,260,642

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS CONT.

SUNFLOWER, FLAXSEED AND CORN: Shipments from Commerical Storages
by County and Mode of Shipment, North Dakota, July 1, 1983 - June 30, 1984 (Preliminary) 1/

District and County	Sunflower			Flaxseed			Corn		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	(Hundredweight))			(Bushels)			(Bushels)		
Burke	106,270	60,245	166,515	---	3,554	3,554	3,500	---	3,500
Divide	130,006	58,043	188,049	3,000	4,172	7,172	---	---	---
Mountrail	199,464	125,054	324,518	---	5,160	5,160	---	---	---
Renville	38,950	23,714	62,664	3,500	76,024	79,524	---	---	---
Ward	1,481,054	285,922	1,766,976	149,636	193,517	343,153	---	6,825	6,825
Williams	44,330	323,058	367,388	---	2,419	2,419	1,713	---	1,713
Northwest	2,000,074	876,036	2,876,110	156,136	284,846	440,982	5,213	6,825	12,038
Benson	757,030	129,757	886,787	52,510	80,977	133,487	101,884	2,770	104,654
Bottineau	651,299	294,355	945,654	6,465	188,675	195,140	---	---	---
McHenry	592,531	257,179	849,710	---	87,505	87,505	10,510	14,913	25,423
Pierce	288,419	120,405	408,824	5,381	95,889	101,270	5,500	3,595	9,095
Rolette	225,197	98,734	323,931	---	61,749	61,749	---	---	---
North Central	2,514,476	900,430	3,414,906	64,356	514,795	579,151	117,894	21,278	139,172
Cavalier	238,010	500,745	738,755	98,610	202,815	301,425	---	3,640	3,640
Grand Forks	634,959	693,306	1,328,265	14,831	48,577	63,408	443,423	339,073	782,496
Nelson	838,431	680,295	1,518,726	34,502	114,165	148,667	128,542	53,951	182,493
Pembina	149,548	436,483	586,031	---	53,434	53,434	10,129	91,019	101,148
Ramsey	1,116,158	644,822	1,760,980	125,673	141,743	267,416	---	16,397	16,397
Towner	181,146	357,291	538,437	12,149	97,746	109,895	1,755	---	1,755
Walsh	600,186	671,114	1,271,300	44,691	73,142	117,833	756,877	152,088	908,965
Northeast	3,758,438	3,984,056	7,742,494	330,456	731,622	1,062,078	1,340,726	656,168	1,996,894
Dunn	4,069	3,350	7,419	---	3,789	3,789	---	---	---
McKenzie	4,582	5,622	10,204	---	2,206	2,206	---	---	---
McLean	986,317	1,894,626	2,880,943	22,510	295,555	318,065	221,221	21,159	242,380
Mercer	57,000	3,365	60,365	872	23,931	24,803	---	---	---
West Central	1,051,968	1,906,963	2,958,931	23,382	325,481	348,863	221,221	21,159	242,380
Eddy	204,144	153,739	357,883	---	33,587	33,587	---	6,468	6,468
Foster	928,669	392,856	1,321,525	3,433	53,427	56,860	368,139	50,205	418,344
Kidder	18,113	840,737	858,850	---	58,177	58,177	28,001	23,845	51,846
Sheridan	131,014	123,047	254,061	---	119,692	119,692	---	---	---
Stutsman	1,825,006	970,904	2,795,910	12,700	165,367	178,067	27,472	81,459	108,931
Wells	1,159,623	368,098	1,527,721	63,435	91,950	155,385	571,018	2,550	573,568
Central	4,266,569	2,849,381	7,115,950	79,568	522,200	601,768	994,630	164,527	1,159,157
Barnes	1,006,927	572,819	1,579,746	19,911	55,719	75,630	122,801	98,727	221,528
Cass	1,089,299	1,453,940	2,543,239	---	53,860	53,860	6,112,000	593,364	6,705,364
Griggs	152,364	757,075	909,439	3,160	24,965	28,125	7,108	6,250	13,358
Steele	244,705	550,456	795,161	6,987	46,858	53,845	76,740	14,915	91,655
Traill	582,501	1,111,806	1,694,307	---	15,773	15,773	2,330,419	115,056	2,445,475
East Central	3,075,796	4,446,096	7,521,892	30,058	197,175	227,233	8,649,068	828,312	9,477,380
Adams	35,809	12,016	47,825	---	27,329	27,329	---	---	---
Bowman	82,278	758	83,036	---	27,989	27,989	---	10,719	10,719
Golden Valley	---	3,026	3,026	13,200	15,791	28,991	---	---	---
Hettinger	111,622	333,498	445,120	---	33,060	33 060	---	52,636	52,636
Stark	304,680	64,234	368,914	---	31,502	31 502	96,765	88,951	185,716
Southwest	534,389	413,532	947,921	13,200	135,671	148,871	96,765	152,306	249,071
Burleigh	166,826	102,386	269,21	9,643	59,811	69,454	152,345	1,806	154,151
Emmons	62,502	93,990	156,492	3,325	131,715	135,040	---	---	---
Grant	6,344	206,603	212,947	---	3,714	3,714	---	69,101	69,101
Morton	45,398	64,184	109,582	---	30,847	30,847	---	943	943
Sioux	---	---	---	---	---	---	---	---	---
South Central	281,070	467,163	748,233	12,968	226,087	239,055	152,345	71,850	224,195
Dickey	436,233	370,568	806,801	---	45,142	45,142	2,361,345	13,954	2,375,299
LaMoure	709,381	410,005	1,119,386	18,518	188,369	206,887	490,779	49,070	539,849
Logan	277,656	252,146	529,802	21,691	152,012	173,703	---	---	---
McIntosh	85,563	97,793	183,356	22,263	89,951	112,214	---	---	---
Ransom	56,729	85,154	141,883	---	12,862	12,862	2,143,840	133,527	2,277,367
Richland	175,172	692,190	867,362	---	13,863	13,863	9,667,817	930,118	10,597,935
Sargent	343,493	315,975	659,468	11,970	10,801	22,771	2,993,874	178,706	3,172,580
Southeast	2,084,227	2,223,831	4,308,058	74,442	513,000	587,442	17,657,655	1,305,375	18,963,030
STATE	19,567,007	18,067,488	37,634,495	784,566	3,450,877	4,235,443	29,235,517	3,227,800	32,463,317

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS CONT.

HARD RED SPRING WHEAT AND DURUM WHEAT: Shipments from Commercial Storages by County and Destination, North Dakota, July 1, 1983 - June 30, 1984 (Preliminary) 1/

District and County	Hard Red Spring Wheat				Durum Wheat			
	Duluth/Superior	Mpls./St. Paul	West	Misc. 2/	Duluth/Superior	Mpls./St. Paul	West	Misc. 2/
	----- Bushels -----				----- Bushels -----			
Burke	112,681	37,433	1,568,047	254,942	1,289,018	137,384	--	232,198
Divide	70,260	15,271	281,259	125,699	1,361,924	1,162,599	583,379	329,072
Mountrail	75,755	56,705	144,102	178,189	2,452,136	1,928,311	6,694	947,881
Renville	473,713	376,891	298,317	239,904	614,043	407,782	9,880	333,946
Ward	971,100	1,716,111	4,882,057	260,768	4,823,914	3,148,276	621,456	927,654
Williams	141,029	16,524	4,254,501	808,650	1,871,032	2,029,732	124,464	737,632
Northwest	1,844,538	2,218,935	11,428,283	1,868,152	12,412,067	8,814,084	1,345,873	3,508,383
Benson	534,985	259,870	---	169,679	1,867,302	952,963	---	756,843
Bottineau	848,062	926,584	91,747	658,238	3,185,598	1,881,892	---	522,223
McHenry	627,114	1,238,334	128,336	442,437	231,639	90,935	---	40,577
Pierce	559,786	423,256	---	246,836	637,685	498,531	---	228,098
Rolette	283,718	179,085	---	44,109	1,188,712	372,964	---	154,488
North Central	2,853,665	3,027,129	220,083	1,561,299	7,110,936	3,799,285	---	1,702,229
Cavalier	2,836,869	949,480	---	614,816	2,166,013	903,531	---	299,448
Grand Forks	5,707,564	1,924,576	---	999,487	651,067	321,241	---	335,625
Nelson	2,059,747	977,442	---	384,121	2,893,807	778,599	---	5,446,029
Pembina	7,970,380	677,616	---	330,264	380,230	18,373	---	10,195
Ramsey	1,310,024	663,167	---	891,170	2,662,323	776,193	---	1,327,882
Towner	907,906	74,584	---	73,799	2,375,922	495,927	---	700,430
Walsh	6,156,897	1,827,161	18,996	1,409,956	856,193	169,862	---	51,728
Northeast	26,949,387	7,094,026	18,996	4,703,613	11,985,555	3,463,726	---	8,171,337
Dunn	46,999	155,552	174,727	243,092	---	1,615	---	---
McKenzie	1,616	2,405	252,679	147,165	74,319	305,436	12,870	137,175
McLean	1,214,606	2,214,969	323,487	916,253	2,452,741	1,072,845	---	205,861
Mercer	237,379	595,477	428,976	165,327	114,382	26,830	---	817
West Central	1,500,600	2,968,403	1,179,869	1,471,837	2,641,442	1,406,726	12,870	343,853
Eddy	483,648	461,160	---	137,179	237,304	16,902	---	296,187
Foster	1,018,372	1,239,955	---	211,571	658,666	508,556	---	559,217
Kidder	582,744	343,359	---	59,453	356,832	85,368	---	14,487
Sheridan	435,639	658,158	---	262,044	90,168	58,259	---	14,005
Stutsman	3,120,028	1,941,577	---	1,389,988	1,611,416	1,144,525	---	148,466
Wells	2,124,638	1,044,429	335,451	339,887	1,204,446	390,588	---	135,513
Central	7,765,069	5,688,638	335,451	2,400,122	4,158,832	2,204,198	---	1,167,875
Barnes	4,713,923	1,558,197	103,377	580,394	1,200,121	192,125	---	38,001
Cass	3,821,142	4,602,070	---	544,269	627,633	217,205	---	42,300
Griggs	1,311,713	593,975	---	133,827	124,075	77,193	---	19,990
Steele	2,382,297	723,666	---	518,856	321,495	56,329	---	154,188
Traill	3,763,177	1,550,829	14,932	348,009	281,072	127,105	---	165,540
East Central	15,992,252	9,028,737	118,309	2,125,355	2,554,396	669,957	---	420,019
Adams	---	554,211	882,947	173,189	5,846	235,907	---	34,760
Bowman	833	96,840	2,228,981	653,849	1,651	672,122	---	194,853
Golden Valley	---	30,935	1,183,277	655,700	66,577	409,979	19,877	373,454
Hettinger	826	543,279	1,698,459	225,305	41,007	318,540	---	58,220
Stark	637,939	1,300,635	8,358,437	171,729	518,666	361,236	---	36,225
Southwest	639,598	2,525,900	14,352,101	1,879,772	633,747	1,997,784	19,877	697,512
Burleigh	546,107	1,331,936	18,036	77,786	208,247	71,080	---	---
Emmons	1,105,994	970,371	---	453,332	52,506	48,834	---	19,975
Grant	41,912	344,133	613,102	250,122	3,202	51,556	---	20,521
Morton	288,194	2,346,667	752,105	222,215	50,934	63,376	---	---
Sioux	---	10,911	44,265	100,855	4,380	1,580	---	33,029
South Central	1,982,207	5,004,018	1,427,508	1,104,310	319,269	236,426	---	73,525
Dickey	635,035	1,542,543	---	207,825	68,957	186,283	---	321,867
LaMoure	2,073,625	1,320,871	---	458,043	517,923	250,835	---	122,098
Logan	541,012	1,668,184	9,771	225,328	341,896	239,351	---	29,446
McIntosh	389,704	1,252,301	---	99,574	88,694	93,881	---	3,351
Ransom	1,337,928	365,758	---	115,093	71,329	74,432	---	---
Richland	848,797	3,272,946	---	386,209	78,845	134,876	---	10,615
Sargent	1,164,712	1,717,233	788	393,472	158,895	270,345	---	5,670
Southeast	6,990,813	11,139,836	10,559	1,885,544	1,326,539	1,250,003	---	493,047
STATE	66,518,.29	48,695,622	29,091,159	19,000,004	43,142,783	23,842,189	1,378,620	16,577,780

1/ Does not include CCC shipments. 2/ Includes all other destinations. Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS CONT.

BARLEY AND OATS: Shipments from Commercial Storages
by County and Destination, North Dakota, July 1, 1983 - June 30, 1984 1/

District and County	Barley				Oats			
	Duluth/Superior	Mpls./St. Paul	West	Misc. 2/	Duluth/Superior	Mpls./St. Paul	West	Misc. 2/
	Bushels				Bushels			
Burke	11,789	47,267	40,143	700,840	4,500	211,235	6,684	151,732
Divide	---	---	161,236	657,073	7,544	40,581	---	127,284
Mountrail	82,296	116,386	69,091	517,774	68,857	848,469	2,965	275,206
Renville	123,914	419,256	30,500	1,015,496	4,600	390,680	---	180,159
Ward	376,470	385,228	1,442,724	1,989,117	4,619	2,727,683	24,762	1,237,542
Williams	12,955	18,913	144,774	941,104	---	95,754	20,671	130,590
Northwest	607,424	987,050	1,888,468	5,821,404	90,120	4,314,402	55,082	2,102,513
Benson	552,336	731,454	1,098	224,423	11,197	317,024	56,452	93,531
Bottineau	762,059	418,259	214,036	5,758,487	10,655	1,381,150	18,551	294,948
McHenry	80,537	141,463	61,961	235,246	---	328,875	---	131,019
Pierce	96,832	319,022	---	248,305	6,200	444,531	---	15,100
Rolette	307,648	423,176	40,662	220,567	4,000	49,766	---	---
North Central	1,799,412	2,033,374	317,757	6,687,028	32,052	2,521,346	75,003	534,598
Cavalier	4,358,435	1,627,857	51,352	1,188,354	3,608	18,881	---	27,624
Grand Forks	2,959,913	3,341,973	---	1,479,804	27,934	38,603	3,864	23,910
Nelson	1,846,491	909,542	5,196	1,310,823	108,440	308,255	---	30,144
Pembina	3,721,105	506,095	---	776,980	19,134	65,834	---	3,900
Ramsey	2,409,099	1,216,239	7,150	341,978	4,840	130,873	---	---
Towner	841,784	747,871	11,250	677,155	---	6,503	---	---
Walsh	3,581,750	1,534,457	---	114,931	---	118,945	---	10,393
Northeast	19,718,577	9,884,034	74,948	5,890,025	163,956	687,894	3,864	95,971
Dunn	---	---	2,079	45,038	---	19,679	1,425	9,078
McKenzie	---	865	2,914	61,667	8,608	8,759	2,008	4,650
McLean	83,931	89,620	17,640	224,096	139,800	659,634	5,726	357,402
Mercer	1,989	15,000	60,327	7,094	15,785	252,993	3,000	41,779
West Central	85,920	105,485	82,960	337,895	164,193	941,065	12,159	412,909
Eddy	106,991	103,279	---	135,656	5,844	97,410	12,527	45,154
Foster	277,009	59,954	6,289	25,156	1,613	172,938	1,383	97,636
Kidder	12,106	16,627	---	820	---	125,729	---	3,468
Sheridan	104,908	74,527	4,390	171,227	1,597	232,635	---	20,281
Stutsman	998,225	529,422	145,180	4,072,817	14,285	1,262,342	1,565	125,545
Wells	736,128	224,258	17,687	1,068,707	4,200	303,643	---	31,672
Central	2,235,367	1,008,067	173,546	5,474,383	27,539	2,194,697	15,475	323,756
Barnes	3,575,321	484,832	16,770	1,583,505	8,125	334,180	---	19,430
Cass	2,658,313	2,128,401	67,210	6,440,074	13,304	146,257	4,266	81,143
Griggs	1,060,537	358,002	---	161,575	8,125	60,136	---	16,695
Steele	2,166,021	248,613	42,211	1,374,457	---	76,498	---	134,215
Traill	1,940,054	2,189,071	45,854	3,740,424	5,781	22,975	---	2,917
East Central	11,400,246	5,408,919	172,045	13,300,035	35,335	640,046	4,266	254,400
Adams	---	---	17,406	54,675	---	180,537	---	49,962
Bowman	---	---	52,242	252,797	---	---	4,896	24,922
Golden Valley	---	---	3,609	3,101	---	18,750	---	---
Hettinger	---	---	37,968	320,533	14,737	92,288	214,413	379,904
Stark	10,610	18,542	19,561	334,123	---	564,669	1,384	287,134
Southwest	10,610	18,542	130,786	965,229	14,737	856,244	220,693	741,922
Burleigh	27,464	17,546	1,139	49,782	7,411	424,278	1,513	117,051
Emmons	47,791	42,314	---	12,610	---	403,042	---	52,286
Grant	96,168	14,868	6,120	61,148	---	61,060	1,318	35,102
Morton	145,393	22,624	27,138	91,565	---	216,486	---	34,454
Sioux	---	---	---	8,534	---	---	---	14,411
South Central	316,816	97,352	34,397	223,639	7,411	1,104,866	2,831	253,304
Dickey	519,037	317,939	---	8,554	---	348,385	7,054	27,600
LaMoure	514,850	122,282	---	125,450	17,896	277,285	---	138,126
Logan	165,822	47,234	---	18,039	1,457	217,555	---	16,900
McIntosh	29,213	78,246	---	15,350	23,838	198,605	---	28,870
Ransom	545,712	211,370	13,135	22,465	---	224,825	1,730	64,625
Richland	195,472	748,121	1,402,185	3,456,909	---	209,692	---	201,928
Sargent	433,675	326,160	---	36,494	9,951	247,079	1,500	91,092
Southeast	2,403,781	1,851,352	1,415,320	3,683,261	53,142	1,723,426	10,284	569,141
STATE	38,578,153	21,394,175	4,290,227	42,382,899	588,485	14,983,986	399,657	5,288,514

1/ Does not include CCC shipments. 2/ Includes all other destinations. Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS CONT.

SUNFLOWER AND FLAXSEED: Shipments from Commercial Storages by County and Destination, North Dakota, July 1, 1983 - June 30, 1984 (Preliminary) 1/

District and County	Sunflower				Flaxseed			
	Duluth/Superior	Mpls./St. Paul	West	Misc. 2/	Duluth/Superior	Mpls./St. Paul	West	Misc. 2/
	---- Hundredweight ----				---- Bushels ----			
Burke	12,933	---	---	153,582	---	---	---	3,554
Divide	70,557	---	---	117,492	897	3,000	---	3,275
Mountrail	107,664	29,495	---	187,359	---	---	1,806	3,354
Renville	41,976	6,690	---	13,998	---	30,354	844	48,326
Ward	306,510	671,178	---	789,288	---	232,919	---	110,234
Williams	66,072	967	---	300,349	---	---	---	2,419
Northwest	605,712	708,330	---	1,562,068	897	266,273	2,650	171,162
Benson	437,414	243,329	---	206,044	---	63,697	---	69,790
Bottineau	311,772	55,970	27,398	550,514	6,670	30,653	857	156,960
McHenry	185,376	412,399	---	251,935	---	49,268	---	38,237
Pierce	289,565	11,580	---	107,679	14,760	47,799	---	38,711
Rolette	207,808	39,030	---	77,093	---	22,699	---	39,050
North Central	1,431,935	762,308	27,398	1,193,265	21,430	214,116	857	342,748
Cavalier	568,958	60,876	---	108,921	10,000	220,163	---	71,262
Grand Forks	825,077	35,892	1,060	466,236	933	8,992	259	53,224
Nelson	1,055,197	185,469	---	278,060	2,000	63,249	---	83,418
Pembina	528,534	2,259	---	55,238	7,450	34,603	---	11,381
Ramsey	1,272,253	80,138	---	408,589	5,944	150,131	---	111,341
Towner	313,390	14,574	---	210,473	1,875	35,506	---	72,514
Walsh	1,055,681	30,000	---	185,619	---	30,970	---	86,863
Northeast	5,619,090	409,208	1,060	1,713,136	28,202	543,614	259	490,003
Dunn	1,069	6,350	---	---	---	---	---	3,789
McKenzie	---	---	---	10,204	---	---	---	2,206
McLean	407,272	28,724	---	2,444,947	---	96,349	2,450	219,266
Mercer	47,943	10,000	---	2,422	---	18,248	---	6,555
West Central	456,284	45,074	---	2,457,573	---	114,597	2,450	231,816
Eddy	185,995	6,300	---	165,588	---	16,536	---	17,051
Foster	402,892	420,812	4,558	493,263	---	26,057	---	30,803
Kidder	8,631	---	---	850,219	---	2,396	---	55,781
Sheridan	51,134	32,041	---	170,886	---	5,583	1,000	113,109
Stutsman	753,524	71,423	---	1,970,963	29,266	15,952	---	132,849
Wells	765,505	41,441	---	720,775	---	27,846	---	127,539
Central	2,167,681	572,017	4,558	4,371,694	29,266	94,370	1,000	477,132
Barnes	700,572	34,965	99,557	744,652	---	18,711	---	56,919
Cass	410,161	172,517	22,527	1,938,034	---	11,404	---	42,456
Griggs	712,004	453	3,710	193,272	---	4,394	900	22,831
Steele	490,280	6,021	485	298,375	---	---	2,239	51,606
Traill	225,593	4,352	---	1,464,362	---	6,197	---	9,576
East Central	2,538,610	218,308	126,279	4,638,695	---	40,706	3,139	183,388
Adams	24,278	7,666	---	15,881	---	12,208	---	15,121
Bowman	7,161	36,968	4,183	34,724	---	---	7,170	20,819
Golden Valley	---	---	---	3,026	---	---	28,991	---
Hettinger	20,739	77,900	1,591	344,890	---	10,490	3,593	18,977
Stark	163,796	81,338	---	123,780	---	22,479	1,664	7,359
Southwest	215,974	203,872	5,774	522,301	---	45,177	41,418	62,276
Burleigh	50,199	1,871	---	217,142	---	21,018	---	48,436
Emmons	97,532	1,800	---	57,160	---	37,365	---	97,675
Grant	9,864	900	---	202,183	---	---	---	3,714
Morton	43,751	---	---	65,831	4,313	15,510	---	11,024
Sioux	---	---	---	---	---	---	---	---
South Central	201,346	4,571	---	542,316	4,313	73,893	---	160,849
Dickey	298,418	186,608	5,150	316,625	777	29,864	---	14,501
LaMoure	531,360	59,105	---	528,921	---	44,378	---	162,509
Logan	292,217	41,392	---	196,193	---	76,408	---	97,295
McIntosh	50,812	94,802	---	37,742	---	43,293	---	68,921
Ransom	33,384	5,400	---	103,099	---	5,496	---	7,366
Richland	215,597	48,978	1,056	601,731	---	935	---	12,928
Sargent	188,971	63,007	38,500	368,990	---	5,036	---	17,735
Southeast	1,610,759	499,292	44,706	2,153,301	777	205,410	---	381,255
STATE	14,847,391	3,422,980	209,775	19,154,349	84,885	1,598,156	51,773	2,500,629

1/ Does not include CCC shipments. 2/ Includes all other destinations. Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

CUSTOM FARM WORK RATES

STATE-WIDE AVERAGES, NORTH DAKOTA, 1984 WITH COMPARISONS
More detailed report available upon request.

Operation	Average Rate			1984	
	1980	1981	1982	Most Frequent Rate Reported	Avg. Rate
	- - - Dollars per Acre - -				
LAND TILLAGE					
DEEP TILLAGE					
Plowing	6.14	6.00	6.11	6.00	6.18
Alfalfa Sod Breaking	7.94	7.63	7.52	8.00	7.60
Heavy Disking	4.31	4.33	4.55	4.00	5.10
Deep Chisel	4.40	4.28	4.59	5.00	5.03
SHALLOW TILLAGE					
Duckfoot or Wide Sweep	3.14	3.28	3.52	3.00	3.81
One-Way Disk	3.87	3.41	3.76	4.00	4.15
Single Disk	3.41	3.00	3.09	NA	NA
Tandem Disk	3.76	3.53	3.88	4.00	4.15
Rod Weeder	2.91	2.93	3.13	2.50	3.48
Rotary Hoe	2.59	2.93	2.92	3.00	2.98
Harrowing	1.99	1.92	2.26	2.00	2.45
Row Crop Cultivation					
Wide-Row (31 in.)	3.23	3.36	3.39	3.00	3.53
Narrow-Row (31 in.)	3.36	3.46	3.48	3.00	3.72
SMALL GRAIN SEEDING					
REGULAR DRILLING					
With Fertilizer Appl.	4.42	4.15	4.68	4.00	4.54
Without Fertilizer Appl.	3.87	3.75	4.14	4.00	4.40
PONY PRESS DRILL					
With Fertilizer Appl.	7.64	7.56	6.89	6.00	7.10
Without Fertilizer Appl.	6.77	6.90	6.33	5.00	7.07
ROW CROP PLANTING					
Corn	4.15	4.43	4.77	5.00	*4.72
Soybeans	3.94	4.41	4.68	5.00	*4.84
Dry Edible Beans	4.17	4.59	4.62	5.00	*4.99
Potatoes	7.24	6.47	5.91	8.00	7.09
Sugarbeets	5.33	6.43	5.95	8.00	6.80
Sunflower	4.35	4.58	4.77	5.00	*4.88
FERTILIZER APPLICATION					
Dry Fertilizer	2.14	2.37	2.58	2.00	*2.74
Liquid Fertilizer	2.52	2.71	3.08	3.00	3.23
Anhydrous Ammonia	3.68	3.64	3.82	4.00	*4.55
CHEMICAL APPLICATION					
BY SURFACE VEHICLES					
Herbicides	1.86	2.05	2.08	2.00	*2.44
Insecticides	2.14	2.15	2.11	2.00	*2.49
Fungicides	2.21	2.21	2.14	2.00	2.44
Desiccants	2.31	2.21	2.13	2.00	2.34
BY AIRCRAFT					
Herbicides	2.55	2.86	3.02	3.00	3.04
Insecticides	2.67	2.94	3.10	3.00	3.14
Fungicides	2.82	3.03	3.21	3.00	3.23
Desiccants	2.88	3.07	3.24	3.25	3.24
HARVESTING CROPS					
SWATHING					
Self-Propelled	3.12	3.52	3.55	4.00	3.73
PTO Unit	2.93	3.12	3.16	3.00	3.36
COMBINING					
From Swaths					
Wheat, All	11.02	12.69	12.67	12.00	12.59
Oats	10.86	12.44	12.58	12.00	12.54
Barley	11.09	12.58	12.67	12.00	12.62
Rye	11.35	12.38	12.69	12.00	12.73
Flaxseed	11.25	12.66	12.85	12.00	12.56
Soybeans	11.96	14.17	14.31	12.00	14.17
Dry Edible Beans	13.66	16.84	15.91	12.00	15.04
Straight Combining					
Wheat, All	NA	12.99	12.76	12.00	12.57
Corn	13.01	15.18	15.10	15.00	14.83
Sunflower (per cwt.)	12.12	13.73	13.52	12.00	13.26
Soybeans	NA	14.33	14.46	12.00	14.17
DRY BEAN HARVESTING					
Cutting Only	NA	7.62	7.66	5.00	7.34
Windrowing	NA	4.70	4.70	5.00	4.77
Cutting & Windrowing	NA	9.58	12.84	20.00	13.00
HAYING					
Mowing	3.15	3.38	3.43	3.00	3.28
Mowing & Conditioning	4.47	5.04	5.29	5.00	5.10
Swathing	3.87	4.45	4.57	4.00	4.26
Side Delivery Raking	2.13	2.14	2.28	2.00	2.04

Operation	Average Rate			1984	
	1980	1981	1982	Most Frequent Rate Reported	Avg. Rate
HAYING CONT.					
BALING	- - - Dollars/Bale - - -				
Square bales with twine	.265	.280	.280	.25	.340
Round bales 800-999 lbs.	4.46	4.52	4.51	4.00	4.49
Round bales 1000-1500 lbs.	5.06	5.08	5.12	5.00	5.06
Round bales over 1500 lbs.	5.96	6.37	5.81	5.00	5.54
MECHANIZED LOOSE HAY STACKING	- - - Dollars/Stack - - -				
1.5 - 3 Ton Stack	17.59	17.98	17.21	20.00	18.32
3 - 6 Ton Stack	25.10	25.24	21.81	25.00	25.50
More Than 6 Ton Stack	NA	25.86	23.25	25.00	26.32
MAKING CORN SILAGE					
FIELD CHOPPING ONLY	- - - Dollars/Unit - - -				
Per Acre	13.59	15.09	15.76	15.00	16.41
Per Hour	30.06	35.80	35.46	45.00	43.50
FIELD CHOPPING PLUS HAULING TO SILO					
Per Acre	16.55	17.77	18.42	20.00	21.22
Per Hour	41.77	48.16	48.94	50.00	44.57
FIELD CHOPPING PLUS HAULING TO AND FILLING SILO					
Per Acre	18.32	22.16	21.60	22.00	22.37
Per Hour	43.00	53.33	51.22	60.00	59.64
DRYING GRAIN	- - - Cents/Bushel - - -				
Wheat, All	16.2	16.2	15.0	10.0	15.1
Barley	15.2	16.5	15.3	15.0	15.3
Corn	18.0	21.1	18.1	15.0	17.6
Oats	NA	18.3	14.7	15.0	15.1
Flax	NA	18.9	17.2	30.0	17.2
Sunflower (per cwt.)	27.3	28.9	28.6	20.0	30.9
HAULING CHARGES					
HAULING GRAIN					
Wheat, All	10.8	11.1	10.7	10.0	9.5
Oats	9.2	10.6	9.8	10.0	8.9
Barley	10.1	11.2	10.1	10.0	9.1
Flax	NA	11.8	11.0	10.0	9.6
Corn	NA	10.8	10.7	10.0	9.1
Sunflower (per cwt.)	14.9	16.0	17.0	10.0	16.5
HAULING HAY	- - - Dollars/Bale - - -				
Small Square Bales	.184	.170	.182	.25	.166
Large Round Bales					
800-999 lbs.	1.73	1.72	1.50	2.00	2.38
1000-1500 lbs.	3.00	1.97	2.00	1.00	2.72
Over 1500 lbs.	4.25	NA	2.20	1.00	2.50
MOVING LOOSE HAYSTACKS	- - - Dollars/Stack - - -				
1.5 - 3 Ton	9.52	9.24	10.10	10.00	11.18
3 - 6 Ton	13.29	10.68	12.24	10.00	11.97
More Than 6 Ton	13.19	11.93	12.71	10.00	12.44
CLEANING & TREATING	- - - Dollars/Bushel - - -				
SEED GRAIN					
Cleaning Only	.221	.240	.254	.25	.275
Treating Only	.263	.270	.318	.50	.404
Cleaning & Treating	.457	.486	.542	.50	.678
FLAXSEED					
Cleaning Only	.409	.419	.426	.50	.438
Treating Only	.313	.303	.381	.45	.400
Cleaning & Treating	.719	.702	.766	.60	.773
MISCELLANEOUS					
SPRAYING LIVESTOCK	- - - Dollars/Head - - -				
Cattle	.55	.67	.71	1.00	1.10
Sheep	.53	.65	.73	--	.98
DIPPING LIVESTOCK					
Cattle	1.36	1.21	1.28	1.00	1.50
Sheep	.95	.94	1.08	1.00	1.21
BRANDING LIVESTOCK					
Calves	1.15	1.03	1.15	1.00	1.13
Sheep	.88	.83	1.07	1.00	1.03
Shearing Sheep	1.34	1.36	1.38	1.25	1.39
DIGGING POST HOLES ($/Hole)	1.14	1.45	1.42	1.00	1.65
Average Depth (Feet)	3.1	3.4	3.4	3.0	3.0
ON-FARM FEED GRINDING & MIXING	- - - Dollars/100 Bu. - - -				
Mobile Truck	12.03	15.21	15.08	25.00	23.68
PTO Unit	11.35	11.93	13.15	16.50	16.08
	- - - Dollars/Hour - - -				
Farm Drainage/Ditching	43.24	48.32	50.54	50.00	56.80
Land Leveling	42.67	52.50	51.55	60.00	55.21
Rock Picking	22.34	33.07	37.02	20.00	35.69

* Combined average of all types listed separately in detailed report, i.e. with fertilizer, without fertilizer, minimum till, etc.

-NOTES-

WHERE TO FIND HISTORIC COUNTY ESTIMATES

Most county estimates are issued through a procedure whereby preliminary estimates are subject to revision the following year. Also, changes may be made following the review of Census of Agriculture data which are normally available every five years. Thus, individual estimates for the same item may be released in three different publications, two of which may be out of date.

The publication reference below shows which publication contains the most up-to-date county estimates for a particular commodity in a particular year. Each county estimate publication is assigned a sequential bulletin number which serves to uniquely identify it. To use the table simply locate the commodity of interest in the left hand column. Read across that row until the desired year is found. The heading at the top of that column identifies the proper publication in which to find the county estimates.

The reference table shows all available historic county estimates beginning with the first year that estimates were prepared and continuing through 1984 for most commodities. County estimates for most major crops were begun in 1919 and for livestock in 1925 although there are exceptions to both as indicated in the table. Separate estimates of the production of corn for grain were begun in 1957, while corn silage and forage acreage estimates were not begun until 1959. Estimates of commercial grain storage capacity were not made in 1959, nor in 1961-64.

Estimates for all livestock are on a January 1 inventory number basis until 1968 when hog inventory was changed to a December 1 basis. The chicken inventory date was changed to December 1 in 1970. Cattle and sheep inventory dates remain January 1. County estimates for all sheep were dropped after 1940 and begun again in 1971 to conform with Agricultural Census wording.

PUBLICATION REFERENCE

Item	Agricultural Statistics								
	No. 3 1/	No. 5	No. 9	No. 33	No. 36	No. 43	No. 46	No. 49	No. 54
Wheat, All	1919-54			1955-70		1971-75		1976-79	1980-84
Winter 2/				1964-70		1971-75		1976-79	1980-84
Durum	1929-54			1955-70		1971-75		1976-79	1980-84
Other Spring	1929-54			1955-70		1971-75		1976-79	1980-84
Oats		1919-54			1955-70	1971-75		1976-79	1980-84
Barley		1919-54			1955-70	1971-75		1976-79	1980-84
Rye		1919-54			1955-70	1971-75		1976-78	1979-84
Flaxseed	*1919-54						1955-75	1976-79	1980-84
Corn			1919-54		1955-69	1970-75		1976-79	1980-84
Soybeans	3/						1954-75	1976-79	1980-84
Potatoes			1919-54				1955-75	1976-79	1980-84
Sugarbeets							1958-75	1976-79	1980-84
Sunflower							1969-75	1976-79	1980-84
Dry Edible Beans								1977-79	1980-84
Dry Field Peas 4/							1959-69		
Hay, By Kind			1919-54				1955-75	1976-78	1979-84
Summer Fallow							1949-75	1976-79	1980-84
Grain Storage Capacity (Commercial)							1958-75	1976-79	1980-85

LIVESTOCK INVENTORY	No. 7	No. 17 1/	No. 30				
Cattle, All	1925-60	1961-66	1967-71		1972-76	1977-79	1980-85
Milk Cows	1925-60	1961-66	1967-71		1972-76	1977-79	1980-85
Hogs, All	1925-60	1961-66	1967-70		1972-75	1976-78	1979-84
Sheep, All	1925-40				1971-76	1977-79	1980-85
Stock Sheep 5/	1941-60	1961-66	1967-71		1972-75		
Chickens, All 6/	1951-60	1961-66	1967-70		1971-73		
Horses, All	1925-49	- - - - - - - County Estimates Discontinued after 1949 - - - - - - -					

*Agricultural Statistics No. 2. 1/ Supply exhausted. Photo copies can be obtained through a local printer for approximately $10-12. 2/ Included in Other Spring Wheat prior to 1964. 3/ State estimates 1924-53. 4/ Estimates discontinued after 1966. 5/ County estimates discontinued after 1975. 6/ County estimates discontinued after 1973.